

FOR IN VITRO RESEARCH USE ONLY.  
NOT FOR USE IN HUMANS OR ANIMALS.

# RECOMBINANT HUMAN BAIAP2

## Basic Information

**Catalog Number:**  
Ag1552

**Size:**  
50 µg

**Form:**  
Available lyophilized

**Species:**  
human

**Expression Source:**  
*E. coli*-derived, PGEX-4T, with N-terminal GST.

**Biological Activity:**  
Not tested

**Endotoxin Level:**  
Please contact the lab for more information

**Validated Application:**  
Blocking peptide

**Peptide Sequence:**  
M<sup>1</sup>SLSRSEEM<sup>10</sup>HRLTEN<sup>15</sup>VYK<sup>20</sup>TMEQ<sup>25</sup>FN<sup>30</sup>PSLR<sup>35</sup>NFIAM<sup>40</sup>GK<sup>45</sup>NYEK<sup>50</sup>KALAG<sup>55</sup>  
VTYAAK<sup>60</sup>GYFD<sup>65</sup>ALVK<sup>70</sup>MGEL<sup>75</sup>ASESQ<sup>80</sup>GSKEL<sup>85</sup>GD<sup>90</sup>VL<sup>95</sup>FQ<sup>100</sup>MAEV<sup>105</sup>HR<sup>110</sup>QIQ<sup>115</sup>  
N<sup>120</sup>QLEEM<sup>125</sup>LK<sup>130</sup>SFHN<sup>135</sup>ELL<sup>140</sup>TQ<sup>145</sup>LEQ<sup>150</sup>KVEL<sup>155</sup>DSRY<sup>160</sup>LSAAL<sup>165</sup>KKY<sup>170</sup>QTE<sup>175</sup>Q<sup>180</sup>RSK<sup>185</sup>G  
DALDK<sup>190</sup>CQ<sup>195</sup>AEL<sup>200</sup>K<sup>205</sup>LR<sup>210</sup>KK<sup>215</sup>SGSK<sup>220</sup>NP<sup>225</sup>QKY<sup>230</sup>SD<sup>235</sup>KEL<sup>240</sup>QY<sup>245</sup>IDA<sup>250</sup>SN<sup>255</sup>KQ<sup>260</sup>GEL<sup>265</sup>  
EN<sup>270</sup>YVSD<sup>275</sup>GY<sup>280</sup>KTAL<sup>285</sup>TE<sup>290</sup>FRR<sup>295</sup>RF<sup>300</sup>CF<sup>305</sup>LVE<sup>310</sup>KQCA<sup>315</sup>VAK<sup>320</sup>NSA<sup>325</sup>AY<sup>330</sup>HSK<sup>335</sup>GKEL<sup>340</sup>  
LAQ<sup>345</sup>KL<sup>350</sup>PL<sup>355</sup>WQ<sup>360</sup>QACAD<sup>365</sup>PSK<sup>370</sup>IPER<sup>375</sup>AV<sup>380</sup>QL<sup>385</sup>M<sup>390</sup>QQ<sup>395</sup>VAS<sup>400</sup>NGAT<sup>405</sup>LPSAL<sup>410</sup>SASK<sup>415</sup>  
SNL<sup>420</sup>VSD<sup>425</sup>PI<sup>430</sup>PGAK<sup>435</sup>PL<sup>440</sup>VP<sup>445</sup>PEL<sup>450</sup>AP<sup>455</sup>FV<sup>460</sup>GR<sup>465</sup>MSAQ<sup>470</sup>EST<sup>475</sup>PI<sup>480</sup>MN<sup>485</sup>  
(1-300 aa encoded by BC014020)

## Reconstitution and Storage

**Reconstitution:**  
Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.  
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).  
If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).  
Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

**Shipping:**  
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

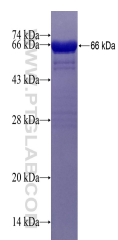
## Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

## Storage of Reconstituted Protein

**Short Term Storage:**  
Store at 2-8°C for (1-2 weeks).  
**Long Term Storage:**  
Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

## Selected Validation Data



For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA),  
or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.