

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

# RECOMBINANT SPIKE PROTEIN



## Basic Information

**Catalog Number:**  
Ag30682

**Size:**  
50 µg

**Form:**  
Available lyophilized

**Species:**

**Expression Source:**  
*E. coli*-derived, PET28a, with N-terminal 6<sup>His</sup>.

**Biological Activity:**  
Not tested

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

**Validated Application:**  
Blocking peptide

**Peptide Sequence:**  
ALGKLDQDVVN QNAQALNTLV KQLSSNFGAI SSVLN  
DILSR LDKVEAEVQI DRLITGRLQS LQTYVTQQLI RA  
AEIRASAN LAATKMSECV LGQSKRVDFC GKGYHLM  
SFP QSAPHGVVFL HVTYVPAQEK NFFTAPAICH DG  
KAHFPREG VVVSNGTHWF VTQRNFYEPQ IITDNT  
FVS GNCDVVIQV NNTVYDPLQP ELDSFKEELD KYF  
KNHTSPD VDLGDISGIN ASVVNIQKEI DRLNEVAKNL  
NESLIDLQEL GKYEQYIKWP W  
(944-1214 aa encoded by NC\_045512)

## 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).

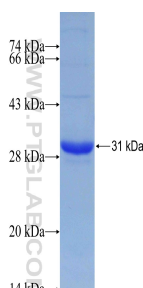
## Stability and Storage

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 W: ptglab.com

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