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

GUCY1B3 Fusion Protein

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Basic Information

Catalog Number:
Ag5078

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:
EGLLDVEKLECEDELTGTEISCLRLKGQMIYLPEADSILF
LCSPSVMNLDDLTRRGLYLSDIPLHDATRDLVLLGEQF
REEYKLTQELEILTDRLQLTLRALEDEKKKTDTLLYSVLP
PSVANELRHKRPVPAKRYDNVTILFSGIVGFNAFCSKH
ASGEGAMKIVNLLNDLYTRFDTLTDSRKNPFVYKVETV
GDKYMTVSGLPEPCIHHARSICHLALDMMEIAGQVQ
VDGESVQITIGIHTGEVVTGVIGQRMPRYCLFGNTVN
LTSRTETTGEKGKINVSEYTYRCLMSPENSDPQFHLEH
RGPVSMKGKKEPMQVWFLSRKNTGTEETKQDDD
(282-619 aa encoded by BC047620)

Reconstitution and Storage

Reconstitution:
Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-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).

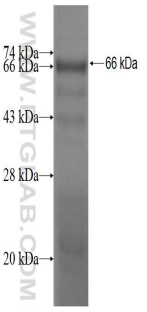
Stability and Storage

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, reconstitution with sterile water and addition of an equal volume of glycerol. 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)
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