

Recombinant human Intraflagellar transport protein 27 homolog



Catalog No: #AP71562

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Package Size: #AP71562-1 20ug #AP71562-2 100ug #AP71562-3 1mg

Description

Product Name	Recombinant human Intraflagellar transport protein 27 homolog
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-186aaSequence Info:Full Length
Other Names	Putative GTP-binding protein RAY-likeRab-like protein 4
Accession No.	Q9BW83
Uniprot	Q9BW83
GeneID	11020;
Calculated MW	36.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MVKLAAKCILAGDPAVGKTALAQIFRSDGAHFQKSYTLTTGMDLVVKTVPVPTDGDSVELFIFDSAGKELFSEM LDKLWESPNVLCVYDVTNEESFNCSKWLEKARSQAPGISLPGVLVGNKTDLAGRRAVDSAEARAWALGQ GLECFETSVKEMENFEAPFHCLAKQFHQLYREKVEVFRALA
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Small GTPase-like component of the intraflagellar transport (IFT) complex B that promotes the exit of the BBSome complex from cilia via its interaction with ARL6 . Not involved in entry of the BBSome complex into cilium. Prevents aggregation of GTP-free ARL6 . Required for hedgehog signaling. Forms a subcomplex within the IFT complex B with IFT25 .

References

Reevaluating human gene annotation a second-generation analysis of chromosome 22.Collins J.E., Goward M.E., Cole C.G., Smink L.J., Huckle E.J., Knowles S., Bye J.M., Beare D.M., Dunham I.Genome Res. 13:27-36(2003)Research Topic:Signal Transduction

Note: This product is for in vitro research use only