

Recombinant Human Translation initiation factor eIF-2B subunit alpha(EIF2B1)

Catalog No: #AP76987

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Package Size: #AP76987-1 20ug #AP76987-2 100ug #AP76987-3 1mg

Description

Product Name	Recombinant Human Translation initiation factor eIF-2B subunit alpha(EIF2B1)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-305aaSequence Info:Full Length
Other Names	eIF-2B GDP-GTP exchange factor subunit alpha
Accession No.	Q14232
Uniprot	Q14232
GeneID	1967;
Calculated MW	60.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MDDKELIEYFKSQMKEDPDMASAVAAIRTLLEFLKRDKGETIQGLRANLTSAIETLCGVDSSVAVSSGGELFLR FISLASLEYSYDYSKCKKIMIERGELFLRRISLSRNKIADLCHTFIKDGATILTHAYSRVVLRLVLEAAVAKKRFSVY VTESQPDLSGKKMAKALCHLNVPVTVVLDAAVGYIMEKADLVIVGAEGVVENGGIINKIGTNQMAVCAKAQNK PFYVVAESFKFVRLFPLNQDVPDKFKYKADTLKVAQTGQDLKEEHPWVDYTAPSLITLLFTDLGVLTPSAVSD ELIKLYL
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

Catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP.

References

"Initial characterization of the human central proteome."

Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuehmer T., Bennett K.L., Superti-Furga G., Colinge J.

BMC Syst. Biol. 5:17-17(2011) Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only