

Recombinant Homo sapiens Dynamin-1

Catalog No: #AP72529



Package Size: #AP72529-1 20ug #AP72529-2 100ug #AP72529-3 1mg

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Description

Product Name	Recombinant Homo sapiens Dynamin-1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-245aaSequence Info:Partial
Accession No.	Q05193
Uniprot	Q05193
GeneID	1759;
Calculated MW	28.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GNRGMEDLIPLVNRLQDAFSAIGQNADLDLPQIAVVGQSSAGKSSVLENFVGRDFLPRGSGIVTRRPLVLQLV NATTEYAEFLHCKGKKFTDFEEVRLEIAETDRVTGTNKGISVPINLRVYSPHVLNLTLDLPGMTKVPVGDQ PPDIEFQIRDMLMQFVTKENCLILAVSPANSDLANSDALKVAKEVDPQGQRTIGVITKLDLMDEGTDARDVLEN KLLPLRRGYIGVVNRSQKDIDGK
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

Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes. Involved in receptor-mediated endocytosis.

References

Mutations in human dynamin block an intermediate stage in coated vesicle formation.van der Bliek A.M., Redelmeier T.E., Tisdale E.J., Meyerowitz E.M., Schmid S.L.J. Cell Biol. 122:553-563(1993)Research Topic:Neuroscience

Note: This product is for in vitro research use only