

Recombinant Human AP-1 complex subunit sigma-3(AP1S3)

Catalog No: #AP70038

Package Size: #AP70038-1 20ug #AP70038-2 100ug #AP70038-3 1mg

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Description

Product Name	Recombinant Human AP-1 complex subunit sigma-3(AP1S3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-104aaSequence Info:Full Length of Isoform 3
Other Names	Adaptor protein complex AP-1 subunit sigma-1C;Adaptor-related protein complex 1 subunit sigma-1C;Clathrin assembly protein complex 1 sigma-1C small chain;Golgi adaptor HA1,AP1 adaptin sigma-1C subunit;Sigma 1C subunit of AP-1 clathrin;Sigma-adaptin 1C;Sigma1C-adaptin
Accession No.	Q96PC3
Calculated MW	39.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MIHFILLFSRQGKLRQLQKWYITLPDKERKKITREIVQIILSRGHRTSSFVDWKELKLVYKRYASLYFCCAIEQNQDN ELLTLEIVHRYVELLDKYFGNTWPFARA
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

Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi,trans-Golgi network (TGN) and,or endosomes. The AP complexes mediate both the recruitment of clathrin to mbranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. Involved in TLR3 trafficking .

References

AP1S3 mutations are associated with pustular psoriasis and impaired Toll-like receptor 3 trafficking.Setta-Kaffetzi N., Simpson M.A., Navarini A.A., Patel V.M., Lu H.C., Allen M.H., Duckworth M., Bachelez H., Burden A.D., Choon S.E., Griffiths C.E., Kirby B., Kolios A., Seyger M.M., Prins C., Smahi A., Trembath R.C., Fraternali F. , Smith C.H., Barker J.N., Capon F.Am. J. Hum. Genet. 94:790-797(2014) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.