

Recombinant Human AP1G2, His-tagged

Cat. No. AP1G2-3527H Lot. No. (See product label)

SPECIFICATION

Product Overview	AP-1 complex subunit gamma-like 2 (AP1G2)
Species	Human
Source	E.Coli/Yeast
ProteinLength	785
Description	<p>Adaptins are important components of clathrin-coated vesicles transporting ligand-receptor complexes from the plasma membrane or from the trans-Golgi network to lysosomes. The adaptin family of proteins is composed of four classes of molecules named alpha, beta-, beta prime- and gamma- adaptins. Adaptins, together with medium and small subunits, form a heterotetrameric complex called an adaptor, whose role is to promote the formation of clathrin-coated pits and vesicles. The protein encoded by this gene is a gamma-adaptin protein and it belongs to the adaptor complexes large subunits family. This protein along with the complex is thought to function at some trafficking step in the complex pathways between the trans-Golgi network and the cell surface. There are two alternatively spliced transcript variants of this gene encoding the same protein.</p>
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Notes	Small volumes of AP1G2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	AP1G2 adaptor-related protein complex 1, gamma 2 subunit [Homo sapiens]
Official Symbol	AP1G2
Synonyms	G2AD
Gene ID	8906
mRNA Refseq	NM_001282474
Protein Refseq	NP_001269403
MIM	603534
UniProt ID	O75843
Chromosome Location	14q11.2

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Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem
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Function	protein binding; protein transporter activity
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