

Recombinant Human AP3B1, His-tagged

Cat. No. AP3B1-3538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AP-3 complex subunit beta-1 (AP3B1), partial
Species	Human
Source	E.Coli/Yeast
ProteinLength	1094
Description	This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. The encoded protein is part of the heterotetrameric AP-3 protein complex which interacts with the scaffolding protein clathrin. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 2. Two transcript variants encoding different isoforms have been found for this gene.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of AP3B1 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.

 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

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	AP3B1 adaptor-related protein complex 3, beta 1 subunit [Homo sapiens]
Official Symbol	AP3B1
Synonyms	AP3B1; adaptor-related protein complex 3, beta 1 subunit; AP-3 complex subunit beta-1; ADTB3A; HPS2; beta3A-adaptin; beta-3A-adaptin; AP-3 complex beta-3A subunit; adaptor protein complex AP-3 subunit beta-1; adapter-related protein complex 3 subunit beta-1; clathrin assembly protein complex 3 beta-1 large chain; PE; HPS; ADTB3;
Gene ID	8546
mRNA Refseq	NM_003664
Protein Refseq	NP_003655
MIM	603401
UniProt ID	O00203
Chromosome Location	5q14.1

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Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Membrane Trafficking, organism-specific biosystem; trans
Function	binding; protein phosphatase binding; protein transporter activity;