

Recombinant Human AP3D1 Protein, His-tagged

Cat. No. AP3D1-189H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP3D1 Protein (Ala2-Leu251) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Leu251
Description	The protein encoded by this gene is a subunit of the AP3 adaptor-like complex, which is not clathrin-associated, but is associated with the golgi region, as well as more peripheral structures. The AP-3 complex facilitates the budding of vesicles from the golgi membrane, and may be directly involved in trafficking to lysosomes. This subunit is implicated in intracellular biogenesis and trafficking of pigment granules, and possibly platelet dense granules and neurotransmitter vesicles. Defects in this gene are a cause of a new type of Hermansky-Pudlak syndrome.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	AP3D1 adaptor-related protein complex 3, delta 1 subunit [Homo sapiens (human)]
Official Symbol	AP3D1
Synonyms	AP3D1; adaptor-related protein complex 3, delta 1 subunit; AP-3 complex subunit delta-1; ADTD; delta adaptin; adaptin, delta; AP-3 complex subunit delta; delta-adaptin, partial CDS; AP-3 complex delta subunit, partial CDS; adapter-related protein complex 3 subunit delta-1; subunit of putative vesicle coat adaptor complex AP-3; hBLVR
Gene ID	8943
mRNA Refseq	NM_001077523
Protein Refseq	NP_001070991
MIM	607246

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UniProt ID

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