

Recombinant Human AP3B2 protein, His-tagged

Cat. No. AP3B2-920H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP3B2 protein (Gly838-Gln1082), fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	245
Description	Adaptor protein complex 3 (AP-3 complex) is a heterotrimeric protein complex involved in the formation of clathrin-coated synaptic vesicles. The protein encoded by this gene represents the beta subunit of the neuron-specific AP-3 complex and was first identified as the target antigen in human paraneoplastic neurologic disorders. The encoded subunit binds clathrin and is phosphorylated by a casein kinase-like protein, which mediates synaptic vesicle coat assembly. Defects in this gene are a cause of early-onset epileptic encephalopathy.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30 kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	AP3B2
Official Symbol	AP3B2
Synonyms	NAPTБ; EIEE48
Gene ID	8120
mRNA Refseq	NM_001278512.2
Protein Refseq	NP_001265441.1
MIM	602166
UniProt ID	Q13367

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