

Recombinant Human AP3B2, GST-tagged

Cat. No. AP3B2-9720H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AP3B2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	650-1082a.a.
Description	Adaptor protein-3 (AP3) is a heterotetrameric vesicle-coat protein complex. Some AP3 subunits are ubiquitously expressed, whereas others are expressed exclusively in neurons. The neuron-specific AP3 complex, which includes AP3B2, is thought to serve neuron-specific functions such as neurotransmitter release (Grabner et al., 2006 [PubMed 16788073]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	AP3B2 adaptor-related protein complex 3, beta 2 subunit [Homo sapiens]
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Official Symbol	AP3B2
Synonyms	Adapter-related protein complex 3 subunit beta-2; Adaptor protein complex AP-3 subunit beta-2; Adaptor related protein complex 3 beta 2 subunit; AP 3 complex subunit beta 2; AP-3 complex subunit beta-2; AP3B2; AP3B2_HUMAN; beta NAP; Beta-3B-adaptin; Beta3B adaptin; Beta3b; Clathrin assembly protein complex 3 beta 2 large chain; Clathrin assembly protein complex 3 beta-2 large chain; NAPTb; Neuron specific vesicle coat protein and cerebellar degeneration antigen; Neuron-specific vesicle coat protein beta-NAP; Neuronal adaptin like protein beta subunit; AP3B2
Gene ID	8120
mRNA Refseq	NM_004644.3
Protein Refseq	NP_004635.2
MIM	602166
UniProt ID	Q13367
Chromosome Location	15q
Pathway	Lysosome,organism-specific biosystem;Lysosome,conserved biosystem
Function	protein transporter activity;transporter activity