

Recombinant Human ELAVL4 protein, GST-tagged

Cat. No. ELAVL4-4633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELAVL4 protein(1-366 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-366 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MVMIISTMEPQVSNGPTSNTSNGPSSNNRNCPSMQTGATDDSKTNLIVNYLPQN MTQEEFRSLFGSIGEIESCKLVRDKITGQSLGYGFVNYIDPKDAEKAINLNLRLQT KTIKVSYPSSASIRDANLYVSGLPKMTQKELEQLFSQYGRITSRILVGQVTGVS GVGFIRFDKRIEAEAAIKGLNGQKPSGATEPITVKFANNPSQKSSQALLSQLYQSPNR RYPGPLHHQAQRFRLDNLNLMAYGVKRFSPITIDGMTSLVGMNIPGHTGTGWCFVY NLSPDSDESVLWQLFGPFGAVNNVKVIRDFNTNKCKGFGFVTMTNYDEAAMAITSL NGYRLGDRVLQVSFKTNKAHKS
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name ELAVL4 ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D) [Homo sapiens]

Official Symbol ELAVL4

Synonyms ELAVL4; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D); HUD; ELAV-like protein 4; PNEM; hu-antigen D; paraneoplastic encephalomyelitis antigen HuD; Embryonic lethal, abnormal vision, Drosophila, homolog of, like-4;

Gene ID 1996

mRNA Refseq NM_001144774

Protein Refseq NP_001138246

MIM 168360

UniProt ID P26378

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SDS-PAGE

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