

Recombinant Human VPS4A protein, His-tagged

Cat. No. VPS4A-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VPS4A protein(86-437 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	86-437 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 7.4). 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 300 mM imidazole.
AASequence	KENQSEGKGSDDSDSEGDNPEKKKLQEQLMGAVVMEKPNIRWNDVAGLEGAKEALK EAVILPIKFPHLFTGKRTPWRGILLFGPPGTGKSYLAKAVATEANNSTFFSVSSSDL SKWLGESEKLVKNLFELARQHKPSIIFIDEVDSLCSRNENESEAARRIKTEFLVQMQ GVGNNDGTLVLGATNIPWVLDSAIRRRFEKRIYIPLPEEAARAQMFRHLHGSTPHNL TDANIELARKTEGYSGADISIIVRDSLMQPVRKVQSATHFKKVCGPSRTNPSMMID DLLTPCSPGDPGAMEMTWMDVPGDKLLEPVVCMDSMLRSLATTRPTVNADDLLKV KKFSEDFGQES
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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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 VPS4A vacuolar protein sorting 4 homolog A (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol VPS4A

Synonyms VPS4A; vacuolar protein sorting 4 homolog A (*S. cerevisiae*); vacuolar protein sorting 4A (yeast homolog) , vacuolar protein sorting 4A (yeast); vacuolar protein sorting-associated protein 4A; FLJ22197; SKD1; SKD1A; SKD2; VPS4; VPS4 1; hVPS4; SKD1-homolog; vacuolar sorting protein 4; vacuolar protein sorting factor 4A; VPS4-1;

Gene ID 27183

mRNA Refseq NM_013245

Protein Refseq NP_037377

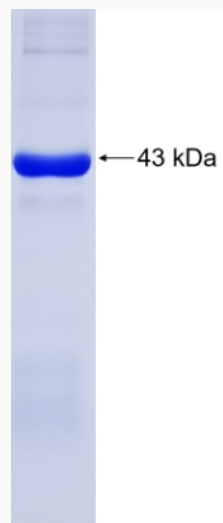
MIM 609982

UniProt ID Q9UN37

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SDS-PAGE

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