

Recombinant Human SLC20A1 protein, His-tagged

Cat. No. SLC20A1-1117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC20A1 protein(263-458 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	263-458 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.
AASequence	KCSPSESPLMEKKNSLKEDHEETKLSVGDIENKHPVSEVGPATVPLQAVVEERTVSF KLGDL EEAPERERLPSVDLKEETSIDSTVNGAVQLPNGNLVQFSQAVSNQINSSGHY QYHTVHKDSGLYKELLHKLHLAKVGDCMGDSGDKPLRRNNSYTSYTMAICGMPLDS FRAKEGEQKGEE MEKLTWPNADSKKR
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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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 SLC20A1 solute carrier family 20 (phosphate transporter), member 1 [Homo sapiens]

Official Symbol SLC20A1

Synonyms SLC20A1; solute carrier family 20 (phosphate transporter), member 1; GLVR1; sodium-dependent phosphate transporter 1; gibbon ape leukemia virus receptor 1; Glvr 1; PiT 1; leukemia virus receptor 1 homolog; solute carrier family 20 member 1; PIT1; PiT-1; Glvr-1; FLJ41426; DKFZp686J2397;

Gene ID 6574

mRNA Refseq NM_005415

Protein Refseq NP_005406

MIM 137570

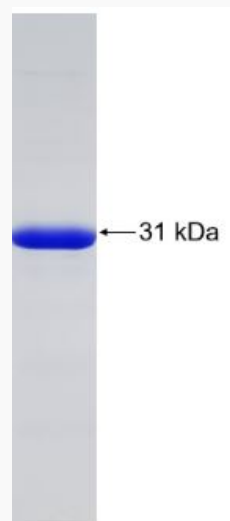
UniProt ID Q8WUM9

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SDS-PAGE



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