

Recombinant Human SLC46A1, His-tagged

Cat. No. SLC46A1-2773H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC46A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-100aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SLC46A1 solute carrier family 46 (folate transporter), member 1 [Homo sapiens]
Official Symbol	SLC46A1
Synonyms	SLC46A1; solute carrier family 46 (folate transporter), member 1; solute carrier family 46, member 1; proton-coupled folate transporter; HCP1; heme carrier protein 1; MGC9564; PCFT; proton coupled folate transporter; G21; PCFT/HCP1; solute carrier family 46 member 1; FLJ39875;

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Gene ID	113235
mRNA Refseq	NM_001242366
Protein Refseq	NP_001229295
MIM	611672
UniProt ID	Q96NT5
Chromosome Location	17q11.2
Pathway	Iron uptake and transport, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of folate and pterines, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble
Function	folic acid binding; folic acid transporter activity; heme transporter activity; transporter activity;

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