Recombinant Human SLC11A2, GST-tagged

Cat. No. SLC11A2-2696H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC11A2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-80aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	SLC11A2 solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 [Homo sapiens]
Official Symbol	SLC11A2
Synonyms	SLC11A2; solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2; NRAMP2; natural resistance-associated macrophage protein 2; DCT1; DMT1; DMT-1; NRAMP 2; divalent cation transporter 1; FLJ37416;

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Gene ID	4891
mRNA Refseq	NM_000617
Protein Refseq	NP_000608
MIM	600523
UniProt ID	P49281
Chromosome Location	12q13
Pathway	HIF-2-alpha transcription factor network, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Metal ion SLC transporters, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem;
Function	cadmium ion binding; cadmium ion transmembrane transporter activity; NOT calcium ion transmembrane transporter activity; NOT chromium ion transmembrane transporter activity; cobalt ion binding; cobalt ion transmembrane transporter activity; cobalt ion tra

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