

Recombinant Human SLC11A2 protein, His-tagged

Cat. No. SLC11A2-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC11A2 protein(NP_000608)(1-80 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-80 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MVLGPEQKMSDDSVSGDHGESASLGNINPAYSNPSLSQSPGDSEEFATYFNEKISI PEEEYSCFSFRKLWAF TGPGFLM
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

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;
Gene ID	4891
mRNA Refseq	NM_000617
Protein Refseq	NP_000608
MIM	600523
UniProt ID	P49281

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