Recombinant Human SLC20A2 Protein (A2-V652), 8×His-MBP, Flag tagged

Cat. No. SLC20A2-1217H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC20A2(A2-V652)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	A2-V652
Description	Sodium-phosphate symporter which seems to play a fundamental housekeeping role in phosphate transport by absorbing phosphate from interstitial fluid for normal cellular functions such as cellular metabolism, signal transduction, and nucleic acid and lipid synthesis. In vitro, sodium-dependent phosphate uptake is not significantly affected by acidic and alkaline conditions, however sodium-independent phosphate uptake occurs at acidic conditions. May play a role in extracellular matrix, cartilage and vascular calcification. Functions as a retroviral receptor and confers human cells susceptibility to infection to amphotropic murine leukemia virus (A-MuLV), 10A1 murine leukemia virus (10A1 MLV) and some feline leukemia virus subgroup B (FeLV-B) variants.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein

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Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	SLC20A2 solute carrier family 20 (phosphate transporter), member 2 [Homo sapiens (human)]
Official Symbol	SLC20A2
Synonyms	SLC20A2; solute carrier family 20 (phosphate transporter), member 2; GLVR2, MLVAR; sodium-dependent phosphate transporter 2; Glvr 2; PiT 2; gibbon ape leukemia virus receptor 2; murine leukemia virus, amphotropic, receptor for; PIT2; RAM1; GLVR2; IBGC3; MLVAR; PIT-2; GLVR-2;
Gene ID	6575
mRNA Refseq	NM_001257180
Protein Refseq	NP_001244109
MIM	158378

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UniProt ID	Q08357

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