Recombinant Human SLC34A2 Protein (Gly191-Leu362), N-GST tagged

Cat. No. SLC34A2-5410H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SLC34A2 (Gly191-Leu362) fused with the N-terminal GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly191-Leu362
Description	The protein encoded by this gene is a pH-sensitive sodium-dependent phosphate transporter. Phosphate uptake is increased at lower pH. Defects in this gene are a cause of pulmonary alveolar microlithiasis. Three transcript variants encoding two different isoforms have been found for this gene.
Form	Lyophilized powder
Molecular Mass	46.27 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

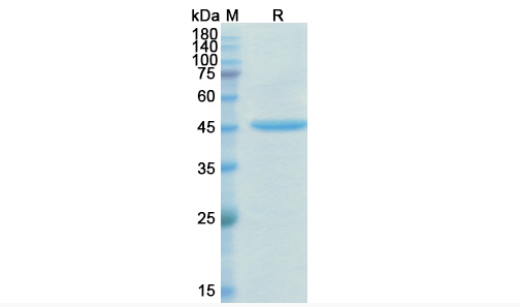
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	date of receipt.
Storage Buffer	Lyophilized from PBS, pH 7.5, 1 mM EDTA, 0.02 % NLS, 5 % trehalose, 1 % mannitol.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SLC34A2 solute carrier family 34 member 2 [Homo sapiens (human)]
Official Symbol	SLC34A2
Synonyms	SLC34A2; solute carrier family 34 member 2; PULAM; NPTIIb; NaPi2b; NAPI-3B; NAPI-IIb; sodium-dependent phosphate transport protein 2B; sodium/phosphate cotransporter 2B; solute carrier family 34 (sodium phosphate), member 2; solute carrier family 34 (type II sodium/phosphate cotransporter), member 2; type II sodium-dependent phosphate transporter 3b
Gene ID	10568
mRNA Refseq	NM_006424
Protein Refseq	NP_006415
MIM	604217
UniProt ID	O95436

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