

Recombinant Full Length Human SLC34A2 Protein, C-Flag-tagged

Cat. No. SLC34A2-132HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SLC34A2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	75.5 kDa
AA Sequence	MAPWPELGDAQPNPDKYLEGAAGQQPTAPDKSKETNKTNDTEAPVTKIELLPSSYST ATLIDEPTEVDDP WNLPTLQDSGIKWSERDTKGKILCFFQGIGRLILLGLFLYFFVCSL DILSSAFQLVGGKMAGQFFSNSS IMSNPLLGLVIGVLVTVLVQSSSTSTSIVVSMVSS SLLTVRAAIIPIIMGANIGTSITNTIVALMQVGDR SEFRRAFAGATVHDDFFNWLSVLVLL PVEVATHYLEIITQLIVESFHFKNGEDAPDLLKVITKPFTKLIV QLDKKVISQIAMNDEK AKNKSLVKIWCKTFTNKTQINVTVPSTANCTSPSLCWTDGIQNWMTMKNVTYKE NIAK CQHIFVNFHLPDLAVGTILLILSLLVLCGLIMIVKILGSVLKGQVATVIKKTINTDFPPFPF AWL TGYLAILVGAGMTFIVQSSSVFTSALTPLIGIGVITIERAYPLTLGSGNIGTTTTAILA

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ALASPGNALRS SLQIALCHFFFNISGILLWYPIPFTRLPIRMAKGLGNISAKYRWFAVF
 YLIIFFFLIPLTVFGLSLAGW RVLVGVGVPVVFIIILVLCRLQLSRCPRVLPKKLQNW
 FLPLWMRSLKPWDVVSKFTGCFQMRCCCC CRVCCRACCLLCGCPKCCRCCKCC
 EDLEEAQEGQDVPVKAPETFDNITISREAQGEVPASDSKTECTAL SGPTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SLC34A2 solute carrier family 34 member 2 [Homo sapiens (human)]
Official Symbol	SLC34A2
Synonyms	PULAM; NPTIIb; NAPI-3B; NAPI-IIb
Gene ID	10568

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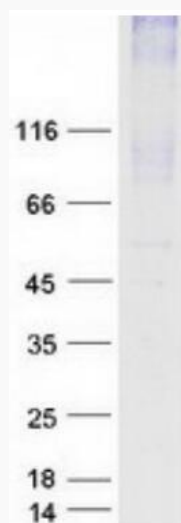
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mRNA Refseq [NM_006424.3](#)

Protein Refseq [NP_006415.3](#)

MIM [604217](#)

UniProt ID [O95436](#)



Coomassie blue staining of purified SLC34A2 protein.

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