

Recombinant Mouse Slc34a2 Protein, Myc/DDK-tagged

Cat. No. Slc34a2-5928M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 34 (sodium phosphate), member 2 (Slc34a2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May be involved in actively transporting phosphate into cells via Na(+) cotransport. It may be the main phosphate transport protein in the intestinal brush border membrane. May have a role in the synthesis of surfactant in lungs' alveoli.
Molecular Mass	76.7 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Slc34a2 solute carrier family 34 (sodium phosphate), member 2 [Mus musculus (house mouse)]
Official Symbol	Slc34a2
Synonyms	Slc34a2; solute carrier family 34 (sodium phosphate), member 2; NaP; Npt; Npt2b; NaPi-2b; AA536683; D5Ertd227; D5Ertd227e; sodium-dependent phosphate transport protein 2B; Na(+)-dependent phosphate cotransporter 2B; Na(+)/Pi cotransporter 2B; sodium-phosphate transport protein 2B; sodium/phosphate cotransporter 2B; solute carrier family 34 member 2; type IIb Na/Picotransporter
Gene ID	20531
mRNA Refseq	NM_011402
Protein Refseq	NP_035532
UniProt ID	Q9DBP0

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