

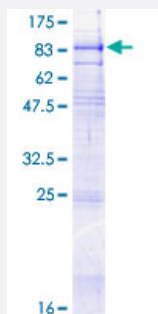
Full-Length

SLC34A1 (Human) Recombinant Protein (P01)

Catalog # H00006569-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC34A1 full-length ORF (NP_003043.2, 1 a.a. - 639 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLSYGERLGSPAVSPLPVRGGHVMRGTAFAVWPSPQVLHRIPGTSAYAFPSLGPVALAEHTCPC
GEVLERHEPLPAKLALEEEQKPESRLVPKLRQAGAMLLKVPLMLTFLYLFVCSLDMSSAFQLAG
GKVAGDIFKDNAILSNPVAGLVVGILVTVLVQSSSTSTSIVSMVSSGLLEVSSAIPIMGSNIGTSVTN
TIVALMQAGDRDTRRAAFAGATVHDCFNWLSVLVLLPLEAATGYLHHITRLVVASFNIHGGRDAPD
LLKIITEPFTKLIQLDESVITSIATGDESLRNHSLIQWCHPDSLQAPTSMSRAEANSSQTLGNATME
KCNHIFVDTGLPDLAVGLILLAGALVLLCTCLILLVKMLNSLLKGQVAKVIQKVINTDFPAPFTWVTG
YFAMVVGASMTFVVQSSSVFTSAITPLIGLGVISIERAYPLTLGSNIGTTTTAILAALASPREKLSSAF
QIALCHFFFNISGILLWYPVPCTRLPIRMAKALGKRTAKYRWFVLYLLVCFLLPSLVFGISMAGW
QVMVGVGTPFGALLAFVVLINVLQSRSPGHLPKWLQTWDFLPRWMHSLKPLDHLITRATLCCAR
PEPRSPPLPPRVFLEELPPATPSRLALPAHHNATRL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

95.3

Interspecies Antigen Sequence

Mouse (91); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SLC34A1

Entrez GeneID	6569
GeneBank Accession#	NM_003052.2
Protein Accession#	NP_003043.2
Gene Name	SLC34A1
Gene Alias	NAPI-3, NPT2, NPTIIa, SLC11, SLC17A2
Gene Description	solute carrier family 34 (sodium phosphate), member 1
Omim ID	182309
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Na ⁺ -phosphate cotransporter type II[sodium/phosphate co-transporter]solute carrier family 17 (sodium phosphate), member 2

Disease

- [Kidney Failure](#)