

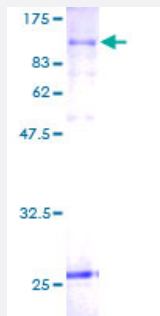
Full-Length

SLC20A1 (Human) Recombinant Protein (P01)

Catalog # H00006574-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC20A1 full-length ORF (AAH19944, 1 a.a. - 679 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATLITSTTAATAASGPLVDYLVMLILGFIIAFVLAFSVGANDVANSFGTAVGSGVVTLKQACILASIF
ETVGSVLLGAKVSETIRKGLIDVEMYNSTQGLLMAGSVSAMFGSAVWQLVASFLKLPISGTHCMVG
ATIGFSLVAKGQEGVKWSELIKVMSWVSPLLSGIMSGILFFLVRAFILHKADVPNGLRALPVFYA
CTVGINLFSIMYTGAPLLGFDKLPLWGILISVGCASFVCAVWFFVCPRMKRKIEREIKCSPSESPL
MEKKNSLKEDHEETKLSVGDLENKHPVSEVGPAVPLQAVVEERTVSFKLGDLEEAPERERLPS
VDLKEETSIDSTVNGAVQLPNGNLVQFSQAVSNQINSSGHYQYHTVHKDSGLYKELLHKLHLAKV
GDCMGDSGDKPLRRNNSYTSYMAICGMPLDSFRAKEGEQKGEEMEKLTPNADSKKRIRMD
YTSYCNVSDLHSAEIDMSVKAEMGLGDRKGSNGSLEEWYDQDKPEVSLLFQFLQLTACFGS
FAHGGNDVSNAGPLVALYLVYDTGDVSSKVATPIWLLLYGGVGICVGLWWGRRVIQTMGKDLT
PITPSSGFSIELASALTVVIASNIGLPITTHCKVGSVSVGWLRSKKAVDWRLFRNIFMAWFVTVPI
SGVISAAIMAFRYVILRM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.43

Interspecies Antigen Sequence

Mouse (91); Rat (92)

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 — SLC20A1

Entrez GeneID	6574
GeneBank Accession#	BC019944
Protein Accession#	AAH19944
Gene Name	SLC20A1
Gene Alias	DKFZp686J2397, FLJ41426, GLVR1, Glvr-1, PIT1, PiT-1
Gene Description	solute carrier family 20 (phosphate transporter), member 1
Omim ID	137570
Gene Ontology	Hyperlink
Gene Summary	Retrovirus receptors allow infection of human and murine cells by various retroviruses. The receptors that have been identified at the molecular level include CD4 (MIM 186940) for human immunodeficiency virus, Rec1 for murine ecotropic virus, and GLVR1 for gibbon ape leukemia virus (see MIM 182090). These 3 proteins show no homology to one another at the DNA or protein level. GLVR1 is a sodium-dependent phosphate symporter.[supplied by OMIM]
Other Designations	gibbon ape leukemia virus receptor 1

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
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- [Ovarian cancer](#)