SLC39A10 (Human) Recombinant Protein (Q01)
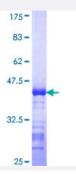
Catalog #   H00057181-Q01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human SLC39A10 partial ORF (NP_065075, 514 a.a. - 621 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CIRMFKHYKQQRGKQKWFMKQNTEESTIGRKLSDHKLNNTPDSDWLQLKPLAGTDDSVVSEDRL NETELTDLEGQQESPPKNYLCIEEEKIIDHSHSDGLHTIHEHDL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
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 — SLC39A10

Entrez GeneID	57181
GeneBank Accession#	NM_020342
Protein Accession#	NP_065075
Gene Name	SLC39A10
Gene Alias	DKFZp781L10106, LZT-Hs2, MGC126565, MGC138428
Gene Description	solute carrier family 39 (zinc transporter), member 10
Omim ID	608733
Gene Ontology	Hyperlink
Gene Summary	Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A10 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM
Other Designations	solute carrier family 39 (metal ion transporter), member 10

Disease

- Genetic Predisposition to Disease

- Prostatic Neoplasms

- Tobacco Use Disorder