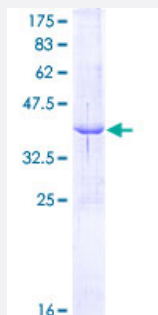


SLC3A2 (Human) Recombinant Protein (Q01)

Catalog # H00006520-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC3A2 partial ORF (NP_002385.3, 203 a.a. - 312 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IIVRAPRCRELPAQKWWHTGALYRIGDLQAFQGHGAGNLAGLKGRLDYSSLKVKGLVLGPIHKNQ KDDVAQTDLLQIDPNFGSKEDFDSLLQSAKKKSIRVILDLTPLY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — SLC3A2

Entrez GeneID [6520](#)

GeneBank Accession# [NM_002394](#)

Protein Accession# [NP_002385.3](#)

Gene Name SLC3A2

Gene Alias 4F2, 4F2HC, 4T2HC, CD98, CD98HC, MDU1, NACAE

Gene Description solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2

Omim ID [158070](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein with an alpha amylase domain. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. It associates with integrins and mediates integrin-dependent signaling related to normal cell growth and tumorigenesis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations 4F2 cell-surface antigen heavy chain|4F2 heavy chain|CD98 heavy chain|antigen defined by monoclonal antibody 4F2, heavy chain|antigen identified by monoclonal antibodies 4F2, TRA1.10, TROP4, and T43|heavy chain|lymphocyte activation antigen 4F2 large subunit

Disease

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