

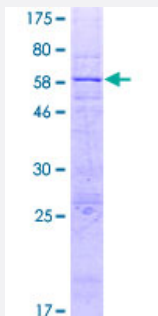
Full-Length

SLC25A42 (Human) Recombinant Protein (P01)

Catalog # H00284439-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human SLC25A42 full-length ORF (NP_848621.1, 1 a.a. - 318 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGNGVKEGPVRLHEDAEAVLSSSVSSKRDHRQVLSSLLPGALAGALAKTAVAPLDRTKIIFQVSS
KRFSAKEAFRVLYYTYLNEGFLSLWRGNSATMVRVVPYAAIQFSAHEEYKRILGSYYGFRGEALPP
WPRLFAGALAGTTAASLTYPDLVRARMAVTPKEMYSNIFHVIFIRISREEGLKTLYHGFMPTVLGVI
PYAGLSFFTYETLKS LHREYSGRRQYPFERMIFGACAGLIGQSASYPLDVVRRRMQTAGVTGYPR
ASIARTLRTIVREEGAVRGLYKGLSMNWWKGPIAVGISFTTFDLMQIMLRHLQS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.8

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 — SLC25A42

Entrez GeneID	284439
GeneBank Accession#	NM_178526.1
Protein Accession#	NP_848621.1
Gene Name	SLC25A42
Gene Alias	MGC26694
Gene Description	solute carrier family 25, member 42
Omim ID	610823
Gene Ontology	Hyperlink
Gene Summary	SLC25A42 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM]
Other Designations	-

Disease

- [Tobacco Use Disorder](#)