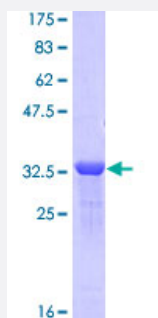


SLC25A13 (Human) Recombinant Protein (Q01)

Catalog # H00010165-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SLC25A13 partial ORF (NP_055066, 2 a.a. - 80 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AAAKVALTKRADPAELRTIFLKYASIEKNGEFFMSPNDFVTRYLNIFGESQPNPKTVELLSGVVDQT KDGLISFQEFVA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.43
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 — SLC25A13

Entrez GeneID [10165](#)

GeneBank Accession# [NM_014251](#)

Protein Accession# [NP_055066](#)

Gene Name SLC25A13

Gene Alias ARALAR2, CITRIN, CTLN2

Gene Description solute carrier family 25, member 13 (citrin)

Omim ID [603471](#) [603859](#) [605814](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations mitochondrial aspartate glutamate carrier 2

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Cholestasis](#)

- [Citrullinemia](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)