

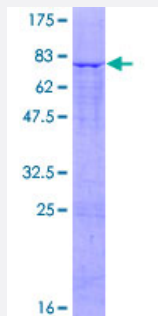
Full-Length

SLC25A25 (Human) Recombinant Protein (P01)

Catalog # H00114789-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC25A25 full-length ORF (NP_443133.2, 1 a.a. - 469 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLCLCLYVPVIGEAQTEFQYFESKGLPAELKSIFKLSVFIPSQEFSTYRQWKQKIVQAGDKDLDGQLDFEEFVHYLQDHEKKRLRVFKSLDKKNDGRIDAQEQIMQSLRDLGVKISEQQAEKILKSMDKNGMTIDWNEWRDYHLLHPVENIPEIILYWKHSTIFDVGENLTPDEFTVEERQTGMWWRHLVAGGGAGAVSRTCTAPLDRLKVLQMQLVHASRSNNMGVGGFTQMIREGGARSLWRGNGINVLKIPESAIKFMA YEQIKRLVGSDQETLRIHERLVAGSLAGAAQSSYPMEVLKTRMALRKTGQYSGMLDCARRILAREGVAIFYKGYVPNMLGIIPYAGIDLAVYETLKNWLQHYAVNSADPGVFVLLACGTMSSTCGQLASYPLALVRTRMQAQASIEGAPEVTMSSLFKHILRTEGAFGLYRGLAPNFMKVIPAVSISVYVYENLKITLGVQSR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.1

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 — SLC25A25

Entrez GeneID[114789](#)**GeneBank Accession#**[NM_052901.2](#)**Protein Accession#**[NP_443133.2](#)**Gene Name**

SLC25A25

Gene Alias

KIAA1896, MCSC, MGC105138, MGC119514, MGC119515, MGC119516, MGC119517, PCS CL, RP11-395P17.4, SCAMC-2

Gene Description

solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25

Omim ID[608745](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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Other DesignationsOTTHUMP00000022250|mitochondrial ATP-Mg/Pi carrier|mitochondrial Ca²⁺-dependent solute carrier|short calcium-binding mitochondrial carrier 2|small calcium-binding mitochondrial carrier 2|solute carrier family 25, member 25|solute carrier family 25, member

Disease

- [Cleft Lip](#)

- [Cleft Palate](#)