

Recombinant Human SLC25A1 Protein (47-87 aa), GST-tagged

Cat. No. SLC25A1-1209H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC25A1 Protein (47-87 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Transport. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	47-87 aa
Description	Involved in citrate-H ⁺ /malate exchange. Important for the bioenergetics of hepatic cells as it provides a carbon source for fatty acid and sterol biosyntheses, and NAD ⁺ for the glycolytic pathway.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	31.8 kDa
AA Sequence	EYVKTQLQLDERSHPPRYRGIGDCVRQTVRSHGVLGLYRGL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name SLC25A1 solute carrier family 25 member 1 [Homo sapiens (human)]

Official Symbol SLC25A1

Synonyms CTP; SEA; CMS23; D2L2AD; SLC20A3;

Gene ID 6576

mRNA Refseq NM_005984

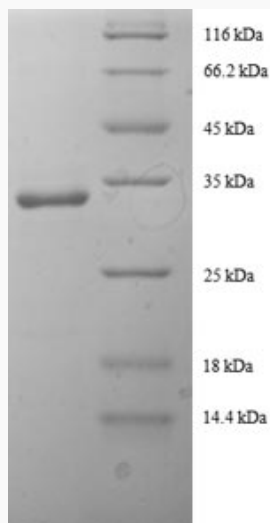
Protein Refseq NP_005975

UniProt ID P53007

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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