

Recombinant Human SLC25A13 Protein, His-tagged

Cat. No. SLC25A13-558H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC25A13, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	74 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	SLC25A13 solute carrier family 25 (aspartate/glutamate carrier), member 13 [Homo sapiens]
Official Symbol	SLC25A13
Synonyms	SLC25A13; solute carrier family 25 (aspartate/glutamate carrier), member 13; CTLN2, solute carrier family 25, member 13 (citrin); calcium-binding mitochondrial carrier protein Aralar2; ARALAR2; CITRIN; mitochondrial aspartate glutamate carrier 2; solute carrier family 25, member 13 (citrin); CTLN2;
Gene ID	10165
mRNA Refseq	NM_001160210
Protein Refseq	NP_001153682
MIM	603859
UniProt ID	Q9UJS0

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