

Product datasheet for **TP760811**

SLC25A13 (NM_014251) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human solute carrier family 25, member 13 (citrin) (SLC25A13), nuclear gene encoding mitochondrial protein, transcript variant 2, full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length SLC25A13
Tag:	N-His
Predicted MW:	74 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055066
Locus ID:	10165
UniProt ID:	Q9UJS0
RefSeq Size:	3204
Cytogenetics:	7q21.3
RefSeq ORF:	2025
Synonyms:	ARALAR2; CITRIN; CTLN2; NICCD



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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, May 2009]

Protein Families:

Druggable Genome

Product images: