

## Recombinant Human SLC25A13 Protein, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene Name</b>	SLC25A13 solute carrier family 25 (aspartate/glutamate carrier), member 13 [ Homo sapiens ]
<b>Official Symbol</b>	SLC25A13
<b>Synonyms</b>	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;
<b>Gene ID</b>	10165
<b>mRNA Refseq</b>	NM_001160210
<b>Protein Refseq</b>	NP_001153682
<b>MIM</b>	603859
<b>UniProt ID</b>	Q9UJS0

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA