

Recombinant Human SLC25A15, T7 -tagged

Cat. No. SLC25A15-31413TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein ; full length SLC25A15[
Species	Human
Source	E.coli
Description	This gene is a member of the mitochondrial carrier family. The encoded protein transports ornithine across the inner mitochondrial membrane from the cytosol to the mitochondrial matrix. The protein is an essential component of the urea cycle, and functions in ammonium detoxification and biosynthesis of the amino acid arginine. Mutations in this gene result in hyperornithinemia-hyperammonemia-homocitrullinuria (HHH) syndrome. There is a pseudogene of this locus on the Y chromosome.
Conjugation	T7
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, 10mM DTT, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence	Belongs to the mitochondrial carrier family. Contains 3 Solcar repeats.

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Similarities

Full Length

Full L.

GENE INFORMATION

Gene Name	SLC25A15 solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15 [Homo sapiens]
Official Symbol	SLC25A15
Synonyms	SLC25A15; solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15; HHH, ORNT1; mitochondrial ornithine transporter 1; D13S327; ORC1; ornithine transporter 1;
Gene ID	10166
mRNA Refseq	NM_014252
Protein Refseq	NP_055067
MIM	603861
Uniprot ID	Q9Y619
Chromosome Location	13q14
Pathway	Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Urea cycle, organism-specific biosystem;
Function	L-ornithine transmembrane transporter activity;

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