

Recombinant Human Mitochondrial ornithine transporter 1(SLC25A15)

Catalog No: #AP76863

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Package Size: #AP76863-1 20ug #AP76863-2 100ug #AP76863-3 1mg

Description

Product Name	Recombinant Human Mitochondrial ornithine transporter 1(SLC25A15)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-301aaSequence Info:Full Length
Other Names	Solute carrier family 25 member 15
Accession No.	Q9Y619
Uniprot	Q9Y619
GeneID	10166;
Calculated MW	59.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MKSNPAIQAAIDLTAGAAGGTACVLTGQPFDTMKVQMOTFPDLYRGLTDCCLKTYSQVGFGRGFYKGTSPALIA NIAENSVLFMCYGFCCQVVRKVAGLDKQAKLSDLQNAAGSFASAFALVLCPTLVKCRQLQTM YEMETSGKI AKSQNTVWSVIKSILRKDGPLGFYHGLSSTLLREVPGYFFFFGGYELSRFFASGRSKDELGPVPLMLSGGVG GICLWLAVYPVDCIKSRIQVLSMSGKQAGFIRTFINVVKNEGITALYSGLKPTMIRAFPANGALFLAYEYSRKL MNQLEAY
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Ornithine transport across inner mitochondrial membrane, from the cytoplasm to the matrix.

References

"Hyperornithinaemia-hyperammonaemia-homocitrullinuria syndrome is caused by mutations in a gene encoding a mitochondrial ornithine transporter."
Camacho J.A., Obie C., Biery B., Goodman B.K., Hu A., Almashanu S., Steel G., Casey R., Lombard M., Mitchell G.A., Valle D.
Nat. Genet. 22:151-158(1999)Research Topic:Others

Note: This product is for in vitro research use only