

# Recombinant Human Solute Carrier Family 25 (Mitochondrial Carrier; Ornithine Transporter) Member 15, T7-tagged

**Cat. No.** SLC25A15-2990H    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant Human SLC25A15 protein, fused with a T7-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques, 32736Da (301aa).                                                                                                                                                                     |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>              | Solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15                                                                                                                                                                                                                                                                        |
| <b>Sequences of amino acids</b> | MKSNPAIQAA IDLTAGAAGG TACVLTGQPF DTMKVKMQTF PDLYRGLTDC<br>CLKTYSQVGF RGFYKGTSPA LIANIAENSV LFMCYGFCCQ VVRKVAGLDK<br>QAKLSDLQNA AAGSFASFA ALVLCPTLV KCRLQTM YEM ETSGKIAKSQ<br>NTVWSVIKSI LRKDGPLGFY HGLSSTLLRE VPGYFFFFGG YELSRFFAS<br>GRSKDELGPV PLMLSGGVGG ICLWLAVVPV DCIKSRIQVL SMSGKQAGFI<br>RTFINVVKNE GITALYSGLK PTMIRAFPAN GALFLAYEYS RKLMMNQLEA Y |
| <b>Formulation</b>              | 10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> . 10mM DTT                                                                                                                                                                                                                                                                                |
| <b>Purity</b>                   | 95% by SDS - PAGE                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>             | MS. SDS                                                                                                                                                                                                                                                                                                                                                  |

## 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

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | SLC25A15 solute carrier family 25 (mitochondrial carrier; ornithine transporter member 15 [Homo sapiens]                                                                                                                         |
| <b>Synonyms</b>            | Solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15; ORNT1; ORC1; D13S327; Solute carrier family 25 member 15; HHH; mitochondrial ornithine transporter 1; ornithine transporter; SLC25A15; SP1855 |
| <b>Gene ID</b>             | 10166                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_014252                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_055067                                                                                                                                                                                                                        |
| <b>MIM</b>                 | 603861                                                                                                                                                                                                                           |
| <b>UniProt ID</b>          | Q9Y619                                                                                                                                                                                                                           |
| <b>Chromosome Location</b> | 13q14                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Metabolism of amino acids and derivatives                                                                                                                                                                                        |
| <b>Function</b>            | L-ornithine transmembrane transporter activity; binding; transporter activity                                                                                                                                                    |

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