

# Recombinant Human ITSN1 Over-expression Lysate, C-Flag tagged

**Cat. No.** ITSN1-09H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | <p>Transient overexpression lysate of intersectin 1 (SH3 domain protein) (ITSN1), transcript variant 1 with C-Flag tag was expressed in HEK293T.</p> <p>Components:</p> <p>1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer</p> <p>1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer</p> <p>1 vial of 250 µL 2×SDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)</p>                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | <p>The protein encoded by this gene is a cytoplasmic membrane-associated protein that indirectly coordinates endocytic membrane traffic with the actin assembly machinery. In addition, the encoded protein may regulate the formation of clathrin-coated vesicles and could be involved in synaptic vesicle recycling. This protein has been shown to interact with dynamin, CDC42, SNAP23, SNAP25, SPIN90, EPS15, EPN1, EPN2, and STN2. Multiple transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two of them have been characterized so far.</p> |

 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>Tag</b>            | C-Flag                                                                                                                                                                                                 |
| <b>Molecular Mass</b> | 195.9 kDa                                                                                                                                                                                              |
| <b>Dilutions</b>      | Lysate samples can be diluted with 2×SDS Sample Buffer provided.                                                                                                                                       |
| <b>Stability</b>      | Lysate samples are stable for 12 months from the date of receipt when stored at -80 centigrade.                                                                                                        |
| <b>Storage</b>        | Upon receiving, store the sample at -80 centigrade. Also after dilution, the protein sample should be aliquoted and stored at -80 centigrade for long term storage. Avoid repeated freeze-thaw cycles. |
| <b>Shipping</b>       | Dry ice                                                                                                                                                                                                |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ITSN1 intersectin 1 [ Homo sapiens (human) ]                                                                                                                                                                                      |
| <b>Official Symbol</b> | ITSN1                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | ITSN1; intersectin 1; ITSN; SH3D1A; SH3P17; intersectin-1; SH3 domain-containing protein 1A; Src homology 3 domain-containing protein; human intersectin-SH3 domain-containing protein SH3P17; intersectin 1 (SH3 domain protein) |
| <b>Gene ID</b>         | 6453                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_003024                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_003015                                                                                                                                                                                                                         |

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| MIM | 602442 |
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| UniProt ID | Q15811 |
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