

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

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

SPECIFICATION

Product Overview	Transient overexpression lysate of intersectin 1 (SH3 domain protein) (ITSN1), transcript variant 1 with C-Flag tag was expressed in HEK293T. Components: 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250 µL 2×SDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)
Species	Human
Source	HEK293
ProteinLength	Full Length
Description	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.

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Tag	C-Flag
Molecular Mass	195.9 kDa
Dilutions	Lysate samples can be diluted with 2×SDS Sample Buffer provided.
Stability	Lysate samples are stable for 12 months from the date of receipt when stored at -80 centigrade.
Storage	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.
Shipping	Dry ice

GENE INFORMATION

Gene Name	ITSN1 intersectin 1 [Homo sapiens (human)]
Official Symbol	ITSN1
Synonyms	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)
Gene ID	6453
mRNA Refseq	NM_003024
Protein Refseq	NP_003015

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MIM	602442
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UniProt ID	Q15811
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