

Recombinant Human ITSN1 Protein, N-6×His-ABP tagged

Cat. No. ITSN1-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A recombinant protein antigen with a N-terminal 6×His-ABP tag corresponding to human ITSN1.
Species	Human
Source	E.coli
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.
Tag	N-6×His-ABP
Molecular Mass	29 kDa.
AA Sequence	ITVLEQQDMWWFGEVQGQKGWFPKSYVKLISGPIRKSTSMDSGSSESPASLKRVAS PAAKPVVS GEEFIAMTYESSEQGD LTFQQGDVILVTKKDGDWW
Purity	>80% by SDS-PAGE and Coomassie blue staining

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Applications	Antibody Competition
Dilutions	Antibody Competition 10 - 100 molar excess
Storage	Store at -20 centigrade. Avoid freeze-thaw cycles.
Storage Buffer	PBS and 1M Urea, pH 7.4. No Preservative.

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
MIM	602442
UniProt ID	Q15811

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