

Recombinant Full Length Human KPTN Protein, GST-tagged

Cat. No. KPTN-5844HF Lot. No. (See product label)

SPECIFICATION

Product Overview Human KPTN full-length ORF (AAH09249, 1 a.a. - 436 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

ProteinLength 436 amino acids

Description This gene encodes a filamentous-actin-associated protein, which is involved in actin dynamics and plays an important role in neuromorphogenesis. Mutations in this gene result in recessive mental retardation-41. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Apr 2014]

Molecular Mass 73.7 kDa

AA Sequence

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MMGEAAVAAGPCPLREDSFTRFSSQSNVYGLAGGAGGRGELLAATLKGKVLGFRY
QDLRQKIRPVAKELQFNYPVDAEIVSIDTFNKSPPKRGLVVGITFIKDSGDKGSPFLNI
YCDYEPGSEYNLDSIAQSCNLNELQFTFPQLCHAEVQVGDQLETVFLLSGNDPAIHL
YKENEGLHQFEEQPVENLFPELTNLTSSVLWLDVHNFPGTSRRLSALGCQSGYVRV
AHVDQRSREVLQMWSVLQDGPISRVIVFSLSAAKETKDRPLQDEYSVLVASMLEPA
VVYRDLLNRGLEDQLLLPGSDQFDSVLCSLVTDVLDGRPEVLVATYGQELLCYKY
RGPESGLPEAQHGFHLLWQRSFSSPLLAMAHVDLTGDGLQELAVVSLKGVHILQHS
LIQASELVLTRLRHQVEQRRRRLQGLEDGAGAGPAENAAS
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	KPTN kaptin (actin binding protein) [Homo sapiens]
Official Symbol	KPTN
Synonyms	KPTN; kaptin (actin binding protein); kaptin; 2E4; actin-associated protein 2E4; kaptin (actin-binding protein);
Gene ID	11133
mRNA Refseq	NM_007059
Protein Refseq	NP_008990
MIM	615620
UniProt ID	Q9Y664

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