Recombinant Human FSCN2 Protein, GST-tagged

Cat. No. FSCN2-4512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FSCN2 full-length ORF (ADR83183.1, 1 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the fascin protein family. Fascins crosslink actin into filamentous bundles within dynamic cell extensions. This family member is proposed to play a role in photoreceptor disk morphogenesis. A mutation in this gene results in one form of autosomal dominant retinitis pigmentosa and macular degeneration. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Molecular Mass	54.2 kDa
AA Sequence	MPTNGLHQVLKIQFGLVNDTDRYLTAESFGFKVNASAPSLKRKQTWVLEPDPGQGT AVLLRSSHLGRYLSAEEDGRVACEAEQPGRDCRFLVLPQPDGRWVLRSEPHGRFF GGTEDQLSCFATAVSPAELWTVHLAIHPQAHLLSVSRRRYVHLCPREDEMAADGDK PWGVDALLTLIFRSRRYCLKSCDSRYLRSDGRLVWEPEPRACYTLEFKAGKLAFKD CDGHYLAPVGPAGTLKAGRNTRPGKDELFDLEESHPQVVLVAANHRYVSVRQGVN VSANQDDELDHETFLMQIDQETKKCTFYSSTGGYWTLVTHGGIHATATQVSANTMF EMEWRGRRVALKASNGRYVCMKKNGQLAAISDFVGKDEEFTLKLINRPILVLRGLDG FVCHHRGSNQLDTNRSVYDVFHLSFSDGAYRIRGRDGGFWYTGSHGSVCSDGER

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	AEDFVFEFRERGRLAIRARSGKYLRGGASGLLRADADAPAGTALWEY
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	FSCN2 fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus) [Homo sapiens]
Official Symbol	FSCN2
Synonyms	FSCN2; fascin homolog 2, actin-bundling protein, retinal (Strongylocentrotus purpuratus); fascin (Strongylocentrotus purpuratus) homolog 2 (actin bundling protein, retinal); fascin-2; RFSN; RP30;
Gene ID	25794
mRNA Refseq	NM_001077182
Protein Refseq	NP_001070650
MIM	607643

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UniProt ID	O14926

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