

Recombinant Full Length Human FSCN2 Protein, GST-tagged

Cat. No. FSCN2-5078HF **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	In Vitro Cell Free System
ProteinLength	492 amino acids
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	MPTNGLHQVLKIQFGLVNDTDRLTAESFGFKVNASAPSLKRKQTTWVLEPDGPQGT AVLLRSSHLGRYLSAEEDGRVACEAEQPGRDCRFLVLPQPDGRWVLRSEPHGRFF GGTEDQLSCFATAVSPAELWTVHLAIHPQAHLLSVSRRRYVHLCPREDEMAADGDK PWGVDALLTLIFRSRRYCLKSCDSRYLRSDGRLVWEPEPRACYTLEFKAGKLAFKD CDGHYLAPVGPAGTLKAGRNTTPGKDELFDLEESHPQVVLVAANHRYVSVRQGVN VSANQDDELHDHETFLMQIDQETKKCTFYSSSTGGYWTLVTHGGIHATATQVSANTMF EMEWGRRRVALKASNGRYVCMKKNQQLAAISDFVGKDEEFTLKLINRPILVLRGLDG

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FVCHHRGSNQLDTNRSVYDVFHLSFSDGAYRIRGRDGGFWYTGSHGSVCSDGER
AEDFVFEFRERGRRLAIRARSGKYLRGGASGLLRADADAPAGTALWEY

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

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MIM	607643
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UniProt ID	O14926
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