

# Recombinant Full Length Human FSCN2 Protein, GST-tagged

**Cat. No.** FSCN2-5078HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FSCN2 full-length ORF ( ADR83183.1, 1 a.a. - 492 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	492 amino acids
<b>Description</b>	<p>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.</p> <p>Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
<b>Molecular Mass</b>	54.2 kDa
<b>AA Sequence</b>	<pre>MPTNGLHQVLKIQFGLVNDTDRLTAESFGFKVNASAPSLKRKQTTWVLEPDPGQGT AVLLRSSHLLGRYLSAEEDGRVACEAEQPGRDCRFLVLPQPDGRWVLRSEPHGRFF GGTEDQLSCFATAVSPAELWTVHLAIHPQAHLLSVSRRRYVHLCPREDEMAADGDK PWGVDALLTLIFRSRRYCLKSCDSRYLRSDGRLVWEPEPRACYTLEFKAGKLAFKD CDGHYLAPVGPAGTLKAGRNTRPGKDELFDLEESHQPQVVLVAANHRYVSVRQGVN V SANQDDEL D H E T F L M Q I D Q E T K K C T F Y S S T G G Y W T L V T H G G I H A T A T Q V S A N T M F E M E W R G R R V A L K A S N G R Y V C M K K N G Q L A A I S D F V G K D E E F T L K L I N R P I L V L R G L D G</pre>

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FVCHHRGSNQLDTNRSVYDVFHLSFSDGAYRIRGRDGGFWYTGSHGVCSDGER  
AEDFVFEFRERGRRLAIRARSGKYLRGGASLLRADADAPAGTALWEY

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

## GENE INFORMATION

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



**MIM** 607643

**UniProt ID** O14926

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