

Recombinant Human FSCN2 protein, His-tagged

Cat. No. FSCN2-1278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FSCN2 aa. (Gln8~His258 (Accession # O14926) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln8~His258
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.
Form	Freeze-dried powder
Molecular Mass	29kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	FSCN2 fascin actin-bundling protein 2, retinal [Homo sapiens (human)]
Official Symbol	FSCN2
Synonyms	FSCN2; fascin actin-bundling protein 2, retinal; RFSN; RP30; fascin-2; fascin homolog 2, actin-bundling protein, retinal
Gene ID	25794
mRNA Refseq	NM_001077182.2
Protein Refseq	NP_001070650.1

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UniProt ID

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