

## Recombinant Human BFSP1 Protein, MYC/DDK-tagged

Cat. No. BFSP1-2593H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BFSP1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes a lens-specific intermediate filament-like protein named filensin. The encoded protein is expressed in lens fiber cells after differentiation has begun. This protein functions as a component of the beaded filament which is a cytoskeletal structure found in lens fiber cells. Mutations in this gene are the cause of autosomal recessive cortical juvenile-onset cataract. Alternate splicing results in multiple transcript variants.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	74.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** BFSP1 beaded filament structural protein 1, filensin [ Homo sapiens ]

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<b>Official Symbol</b>	BFSP1
<b>Synonyms</b>	CP115; CP94; CTRCT33; LIFL-H
<b>Gene ID</b>	631
<b>mRNA Refseq</b>	NM_001161705
<b>Protein Refseq</b>	NP_001155177
<b>MIM</b>	603307
<b>UniProt ID</b>	Q12934

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