

Recombinant Mouse Bfsp2 Protein, MYC/DDK-tagged

Cat. No. Bfsp2-351M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse beaded filament structural protein 2, phakinin (Bfsp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for the correct formation of lens intermediate filaments as part of a complex composed of BFSP1, BFSP2 and CRYAA. Plays a role in maintenance of retinal lens optical clarity.
Molecular Mass	45.7 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Bfsp2 beaded filament structural protein 2, phakinin [<i>Mus musculus</i> (house mouse)]
Official Symbol	Bfsp2
Synonyms	Bfsp2; beaded filament structural protein 2, phakinin; CP47; CP49; LIFL-L; AI448593; phakinin; 49 kDa cytoskeletal protein; lens fiber cell beaded filament protein CP 47; lens fiber cell beaded filament protein CP 49; lens intermediate filament-like light
Gene ID	107993
mRNA Refseq	NM_001002896
Protein Refseq	NP_001002896
UniProt ID	Q6NVD9

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