

Recombinant Mouse Shox2 Protein, Myc/DDK-tagged

Cat. No. Shox2-5870M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length short stature homeobox 2 (Shox2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May be a growth regulator and have a role in specifying neural systems involved in processing somatosensory information, as well as in face and body structure formation. May also have a role in heart development.
Molecular Mass	35.4 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 µg/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	Shox2 short stature homeobox 2 [Mus musculus (house mouse)]
Official Symbol	Shox2
Synonyms	Shox2; short stature homeobox 2; Pr; OG12; Prx3; SHOT; Og12x; 6330543G17Rik; short stature homeobox protein 2; OG-12; homeobox protein Og12X; paired family homeodomain protein Prx3
Gene ID	20429
mRNA Refseq	NM_013665
Protein Refseq	NP_038693
UniProt ID	P70390

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