Recombinant Mouse Shox2 protein

Cat. No. Shox2-5156M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Shox2 protein(P70390)(1-331 aa) was expressed in Mammalian cells.
Species	Mouse
Source	Mammalian cells
ProteinLength	1-331 aa
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	MEELTAFVSK SFDQKVKEKK EAITYREVLE SGPLRGAKEP GCVEPGRDDR SSPAVRAAGG GGGAGGGGGG GGGGGGGAGG GGAGGGAGGG RSPVRELDMG AAERSREPGS PRLTEVSPEL KDRKDDAKGM EDEGQTKIKQ RRSRTNFTLE QLNELERLFD ETHYPDAFMR EELSQRLGLS EARVQVWFQN RRAKCRKQEN QLHKGVLIGA ASQFEACRVA PYVNVGALRM PFQQDSHCNV TPLSFQVQAQ LQLDSAVAHA HHHLHPHLAA HAPYMMFPAP PFGLPLATLA ADSASAASVV AAAAAAKTTS KNSSIADLRL KAKKHAAALG L
Purity	>85% (SDS-PAGE)
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

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	contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	Shox2 short stature homeobox 2 [Mus musculus]
Official Symbol	Shox2
Synonyms	SHOX2; short stature homeobox 2; short stature homeobox protein 2; OG-12; homeobox protein Og12X; paired family homeodomain protein Prx3; OG12; Prx3; SHOT; Og12x; 6330543G17Rik;
Gene ID	20429
mRNA Refseq	NM_013665
Protein Refseq	NP_038693

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