

Recombinant Mouse Shox2 protein

Cat. No. Shox2-5152M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Shox2 protein(P70390)(1-331 aa) was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	1-331 aa
Form	Tris/PBS-based buffer, 6% Trehalose.
AASequence	MEELTAFVSK SFDQKVKEKK EAITYREVL E 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 KAKKHAAAALG 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 contents to the bottom. Please reconstitute protein in deionized sterile water to a

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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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