

Product datasheet for **TP523575**

Shox2 (NM_013665) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse short stature homeobox 2 (Shox2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA >MR223575 representing NM_013665

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MEELTAFVSKSFDQKVKEKKEAITYREVLESGPLRGAKEPGCVEPGRDDRSSPAVRAAGGGGGAGGGGGG
GGGGGGGAGGGGAGGGAGGGGRSPVRELDMGAAERSREPGSPRLTEVSPELKDRKDDAKGMEDEGQTKIKQ
RRSRTNFTLEQLNELERLFDETHYPDAFMREELSQRLLSEARVQVWFQNRRAKCRKQENQLHKGVLIGA
ASQFEACRVAPYVNVGALRMPFQQDShcNVTPLSFQVQAQLQLDSAVAHAAHHHLPHLAAHAPYMMFPAP
PFGLPLATLAADSASAAASVVAASAAAAAKTTSKNSSIADLRLKAKKHAAALGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 35.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_038693](#)

Locus ID: 20429

UniProt ID: [P70390](#)



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RefSeq Size: 1603

Cytogenetics: 3 30.76 cM

RefSeq ORF: 993

Synonyms: 6330543G17Rik; OG12; Og12x; Prx3; SHOT

Summary: 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.[UniProtKB/Swiss-Prot Function]