

## Product datasheet for **TP318605L**

### SHOX (NM\_000451) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human short stature homeobox (SHOX), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218605 representing NM_000451 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MEELTAFVSKSFDQKSKDGNNGGGGGGGGKDSITYREVLESGLARSRELGTSDSSLQDITEGGGGHCPVHL FKDHVDNDKEKLKEFGTARVAEGIYECKEKREDVKSEDEDGQTKLKQRRSRTNFTLEQLNELERLFDETH YPDAFMREELSQRLLGLSEARVQVWFQNRRAKCRKQENQMHKGVILGTANHLDACRVAPYVNMGALRM PFQ QVQAQLQLEGVAHAHAPHLHPHLAAHAPYLMFPPPPFGLPIASLAESASAAAVWAAAASNSKNSSIADLR LKARKHAEALGL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	32.1 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<a href="#">NP_000442</a>
Locus ID:	6473



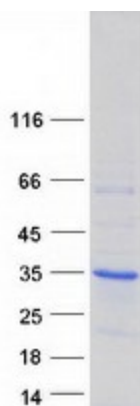
[View online »](#)

UniProt ID: [O15266](#)  
RefSeq Size: 4559  
Cytogenetics: X;Y  
RefSeq ORF: 876  
Synonyms: GCFX; PHOG; SHOXY; SS

**Summary:** This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified SHOX protein (Cat# [TP318605]). The protein was produced from HEK293T cells transfected with SHOX cDNA clone (Cat# [RC218605]) using MegaTran 2.0 (Cat# [TT210002]).