

Product datasheet for **TP307507M**

SHQ1 (NM_018130) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SHQ1 homolog (<i>S. cerevisiae</i>) (SHQ1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207507 representing NM_018130 Red =Cloning site Green =Tags(s)

MLTPAFDLSQDPDFLTIAIRVPYARVSEFDVYFEGSDFKFYAKPYFLRLTLPGRIVENGSEQGSYDADKG
IFTIRLPKETPGQHFEGNMLTALLAPRKSRTAKPLVEEIGASEIPEEVVDDEEFDWEIEQTPCEEVSES
ALNPQCHYGFGLNLSGVLQRLQDELSVIDIKDPDFTPAAERRQKRLAAELAKFDPDHYLADFFEDEAIE
QILKYNPWWTDKYSKMMAFLEKSQEENHATLVSFSEEEKYQLRKFNKSYLLDKRACRQVCYSLIDILL
AYCYETRVTEGEKNVESAWNIRKLSPTLCWFETWTNVHDIMVSFGRRVLCYPLYRHFKLVMKAYRDTIKI
LQLGKSAVLKCLLDIHKIFQENDPAYILNDLYISDYCVWIQKVKSCKLAALAEALKEVSLTKAQLGLELE
ELEAAALLVQEEETALKAHVSQGQTLCSSEASDSEDSDSSVSSGNGEDSGSDSEQDELKDSPSETVSS
LQGPFLIESSAFLIVDGGVRRNTAIQESDASQGPLASSWPLGVSGPLIEELGEQLKTTVQVSEPKGTTA
VNRSNIQERDGCQTPNN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

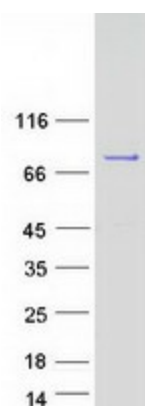
Tag:	C-Myc/DDK
Predicted MW:	64.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	<u>NP_060600</u>
Locus ID:	55164
UniProt ID:	<u>Q6PI26</u>
RefSeq Size:	2861
Cytogenetics:	3p13
RefSeq ORF:	1731
Synonyms:	GRIM-1; Shq1p
Summary:	SHQ1 assists in the assembly of H/ACA-box ribonucleoproteins that function in the processing of ribosomal RNAs, modification of spliceosomal small nuclear RNAs, and stabilization of telomerase (see MIM 602322) (Grozdanov et al., 2009 [PubMed 19383767]). [supplied by OMIM, Dec 2010]

Product images:



Coomassie blue staining of purified SHQ1 protein (Cat# [TP307507]). The protein was produced from HEK293T cells transfected with SHQ1 cDNA clone (Cat# [RC207507]) using MegaTran 2.0 (Cat# [TT210002]).