

Product datasheet for **TP303277**

SMPX (NM_014332) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human small muscle protein, X-linked (SMPX), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203277 protein sequence Red =Cloning site Green =Tags(s)
	MNMSKQPVSNVRAIQANINIPMGAFRPGAGQPPRRKECTPEVEEGVPPTSDEEKKPIPGAKKLPGLPAVNL SEIQNIKSELKYVPKAEQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.4 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
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:	NP_055147
Locus ID:	23676
UniProt ID:	Q9UHP9 , A0A024RBY1
RefSeq Size:	951
Cytogenetics:	Xp22.12



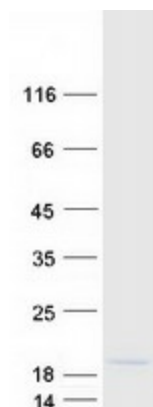
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RefSeq ORF: 264

Synonyms: Chisel; Csl; DFN6; DFNX4

Summary: This gene encodes a small protein that has no known functional domains. Mutations in this gene are a cause of X-linked deafness-4, and the encoded protein may play a role in the maintenance of inner ear cells subjected to mechanical stress. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2011]

Product images:



Coomassie blue staining of purified SMPX protein (Cat# TP303277). The protein was produced from HEK293T cells transfected with SMPX cDNA clone (Cat# [RC203277]) using MegaTran 2.0 (Cat# [TT210002]).