

Product datasheet for PH303277

SMPX (NM_014332) Human Mass Spec Standard

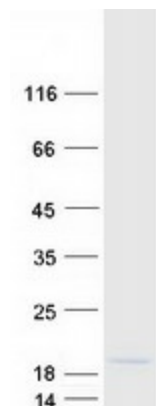
Product data:

Product Type:	Mass Spec Standards
Description:	SMPX MS Standard C13 and N15-labeled recombinant protein (NP_055147)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203277
Predicted MW:	9.6 kDa
Protein Sequence:	<p>>RC203277 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MNMSKQPVSNNVRAIQANINIPMGAFRPGAGQPPRRKECTPEVEEGVPPTSDEEEKKPIPGAKKLPGPAVNL SEIQNIKSELKYVPKAEQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055147
RefSeq Size:	951
RefSeq ORF:	264
Synonyms:	Chisel; Csl; DFN6; DFNX4
Locus ID:	23676
UniProt ID:	Q9UHP9 , A0A024RBY1
Cytogenetics:	Xp22.12


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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]).