

Recombinant Human SMPX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SMPX-6321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SMPX MS Standard C13 and N15-labeled recombinant protein (NP_055147) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	9.6 kDa
AA Sequence	MNMSKQPVS NVRAIQANINIPMGAFRPGAGQPPRRKECTPEVEEGVPPTSDEEEKP IPGAKKLPGPAVNLSEIQNIKSELKYVPKAEQTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SMPX small muscle protein X-linked [Homo sapiens (human)]

Official Symbol SMPX

Synonyms SMPX; small muscle protein X-linked; Csl; DFN6; DFNX4; Chisel; small muscular protein; deafness, X-linked 6, sensorineural; stretch-responsive skeletal muscle protein

Gene ID 23676

mRNA Refseq NM_014332

Protein Refseq NP_055147

MIM 300226

UniProt ID Q9UHP9

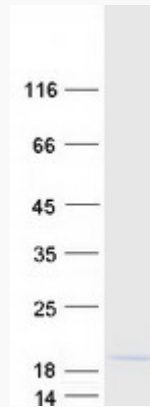
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SDS-PAGE



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