

Recombinant Human TMPO Protein, HIS-tagged

Cat. No. TMPO-185H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMPO fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene resides in the nucleus and may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane. Mutations in this gene are associated with dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Form	Lyophilized from a 0.2 M filtered solution of 20mM Phosphate buffer, 150mM NaCl, pH 7.4. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Molecular Mass	21.6 kDa
Endotoxin	< 0.1 EU per µg protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Resuspend the protein to the desired concentration in proper buffer.

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GENE INFORMATION

Gene Name	TMPO thymopoietin [Homo sapiens]
Official Symbol	TMPO
Synonyms	TMPO; thymopoietin; LAP2; LEM domain containing 4; LEMD4; TP; TP alpha; TP beta/gamma; lamina-associated polypeptide 2; thymopoietin-related peptide isoform alpha; thymopoietin-related peptide isoforms beta/gamma; CMD1T; PRO0868; MGC61508;
Gene ID	7112
mRNA Refseq	NM_001032283
Protein Refseq	NP_001027454
MIM	188380
UniProt ID	P42166

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