

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

Cat. No. POMP-2275H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POMP MS Standard C13 and N15-labeled recombinant protein (NP_057016) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a molecular chaperone that binds 20S preproteasome components and is essential for 20S proteasome formation. The 20S proteasome is the proteolytically active component of the 26S proteasome complex. The encoded protein is degraded before the maturation of the 20S proteasome is complete. A variant in the 5' UTR of this gene has been associated with KLINK syndrome, a rare skin disorder.
Molecular Mass	15.8 kDa
AA Sequence	MNARGLGSELKDSIPVTELSASGPFESHDLRKGFSCVKNELLPSHPLELSEKNFQL NQDKMNFSTLRNIQGLFAPLKLQMEFKAVQQVQRLPFLSSSNLSLDVLRGNDDETIGF EDILNDPSQSEVMGEPHLMVEYKLGLLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	POMP proteasome maturation protein [Homo sapiens (human)]
Official Symbol	POMP
Synonyms	POMP; proteasome maturation protein; C13orf12, chromosome 13 open reading frame 12; HSPC014; proteasemblin; UMP1; hUMP1; 2510048O06Rik; protein UMP1 homolog; voltage-gated K channel beta subunit 4.1; voltage-gated potassium channel beta subunit 4.1; C13orf12; PNAS-110;
Gene ID	51371
mRNA Refseq	NM_015932
Protein Refseq	NP_057016
MIM	613386
UniProt ID	Q9Y244

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SDS-PAGE

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