

Recombinant Full Length Human POMP Protein, GST-tagged

Cat. No. POMP-1771HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C13orf12 full-length ORF (NP_057016.1, 1 a.a. - 141 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	141 amino acids
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	42.2 kDa
AA Sequence	MNARGLGSELKDSIPVTELSASGPFESHDLRLKGFSCVKNELLPSHPLELSEKNFQL NQDKMNFSTLRNIQGLFAPLKLQMEFKAVQQVQRLPFLSSSNLSLDVLRGNDDETIGF EDILNDPSQSEVMGEPHLMVEYKLGLL
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 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

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name POMP proteasome maturation protein [Homo sapiens]

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

 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