www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

PSMG4 Human

Catalog #:PRPS-996

For research use only.

Description:PSMG4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 143 amino acids (1-123 a.a.) and having a molecular mass of 15.9kDa.PSMG4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Proteasome (prosome, macropain) assembly chaperone 4, C6orf86, hPAC4, chromosome 6 open reading frame 86, bA506K6.2.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MEGLVVAAGG DVSLHNFSAR LWEQLVHFHV MRLTDSLFLW VGATPHLRNL AVAMCSRYDS IPVSTSLLGD TSDTTSTGLA QRLARKTNKQ VFVSYNLQNT DSNFALLVEN RIKEEMEAFP EKF

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:
PSMG4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
PSMG4 is a chaperone protein that enhances assembly of the 20S proteasome. PSMG4 cooperates with alpha and beta subunits of the 20S proteasome and with PSMG3 but disconnects when the POMP is recruited before the formation of half-proteasomes.

To place an order, please Click HERE.

© 2015 NeoScientific