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

PSME2 Human

Description:PSME2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 259 amino acids (1-239) and having a molecular mass of 29.5 kDa.PSME2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-982

For research use only.

Synonyms: Proteasome (prosome, macropain) activator subunit 2 (PA28 beta), PA28beta, Activator of multicatalytic protease subunit 2, Proteasome activator 28 subunit beta, 11S regulator complex subunit beta, PA28B, REG-beta, cell migration-inducing protein 22, MCP a

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MAKPCGVRLS GEARKQVEVF RQNLFQEAEE FLYRFLPQKI IYLNQLLQED SLNVADLTSL RAPLDIPIPD PPPKDDEMET DKQEKKEVPK CGFLPGNEKV LSLLALVKPE VWTLKEKCIL VITWIQHLIP KIEDGNDFGV AIQEKVLERV NAVKTKVEAF QTTISKYFSE RGDAVAKASK ETHVMDYRAL VHERDEAAYG ELRAMVLDLR AF

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

Formulation:

The PSME2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT, 0.1mM PMSF and 20% 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:

PSME2 is an IFN-gamma inducible proteasome activator essential for production of several key histocompatibility (MHC) class I antigens. Downregulation of PSME2 causes unusual proteasome activation and is connected to the development of intimal hyperplasia (IH) in animal models.

To place an order, please Click HERE.

Request a CATALOG
CLICK HERE