

PSME2, 1-239aa , Human, His tag E.coli

Cat.NO.: TP03582

3th Edition

Synonyms:Proteasome (prosome, macropain) activator subunit 2, PA28B, PA28beta, REGbeta.

Description:PSME2, also known as proteasome (prosome, macropain) activator subunit 2, is an IFN-gamma inducible proteasome activator required for presentation of certain major histocompatibility (MHC) class I antigens. Downregulation of PSME2 results in abnormal proteasome activation and has been implicated in the development of intimal hyperplasia (IH) in animal models.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT, 0.1mM PMSF

Molecular Weight:29.5 kDa (259aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMAKPCGVRLSGEARKQVEVFRQNLFQEAEEFLYRFLPQKIIYLNQLLQEDSLNVA
DLTSLRAPLDIPIPDPPPDDMETDKQEKKEVPCGFLPGNEKVLALLVKPEVWTLKEKCILVITWIQHLLIPKIED
GNDFGVAIQEKVLERVNAVTKVEAFQTTISKYFSEKGDVAVAKASKETHVMDYRALVHERDEAAYGELRAMVLDLR
AFYAELYHISSNLEKIVNPKGEEKPSMY

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.