

## 32-4528: Recombinant Human Proteasome Activator Subunit 2

**Alternative Name :** 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,

### Description

Source : E.coli. 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. 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.

### Product Info

**Amount :** 10 µg

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

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

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MAKPCGVRLS GEARQVEVF RQNLFQEAE FLYRFLPQKI  
IYLNQLLQED SLNVADLTSL RAPLDIIPD PPPKDDEMET DKQEKKEVPK CGFLPGNEKV  
LSLLALVKPE VWTLKEKCIL VITWQHLP KIEDGNDFGV AIQEKVLERV NAVKTKVEAF  
QTTISKYFSE RGDVAKASK ETHVMDYRAL VHERDEAAYG ELRAMVLDLR AFYAELYHII  
SSNLEKIVNP KGEEKPSMY

