

PSMB4, 46-264aa, Human, His tag, E.coli

Cat.NO.: TP03571

3th Edition

Synonyms:Proteasome subunit beta type-4, HN3, HsN3, PROS-26, PROS26.

Description:Proteasome subunit beta type-4, also known as PSMB4, belonged to the peptidase T1B family. The 20S Proteasome chamber contains alpha subunits (which are structural) and beta subunits (which are predominantly catalytic). The outer two rings in the proteasome consist of seven alpha subunits each and the inner two rings each consist of seven beta subunits. PSMB4 is a beta subunit of the 20S Proteasome.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

Molecular Weight:26.6 kDa (240aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMTQNPMVTGTSVLGVKFEGGVVIADMLGSYGSLARFRNISRIMRVNNSTMLGA
SGDYADFQYLKQVLGQMVIDEELLGDGHSYSPRAIHSWLTRAMYSRRSKMNPLWNTMVIGGYADGESFLGYVDM
LGVAYEAPSLATGYGAYLAQPLLREVLEKQPVLSQTEARDLVERCMRVLYYRDARSYNRFQIATVTEKGVEIEGPLS
TETNWDIAHMISGFE

Purity:> 95% by HPLC

Concentration:0.5 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.