



PSMB9, 21-219aa, Human, His tag, E.coli

Cat.NO.: TP03576

3th Edition

Synonyms: Proteasome subunit beta type-9, LMP2, PSMB6i, RING12

Description: PSMB9, also known as proteasome subunit beta type-9, is a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. This protein is located in the class II region of the MHC (major histocompatibility complex). Expression of this protein is induced by gamma interferon and this gene product replaces catalytic subunit 1 (proteasome beta 6 subunit) in the immunoproteasome.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 50mM NaCl

Molecular Weight: 23.5 kDa (220aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMTTIMAVEFDGGVVMGSDSRVSAGEAVVNRVFDKLSPLHERIYCALSGSAADAQ
AVADMAAYQLELHGIELEEPPLVLAANVVRNISYKYREDLSAHLMVAGWDQREGGQVYGTGGMLTRQPFAIGG
SGSTFIYGYVDAAYKPGMSPEECRRFTTDAIALAMSRDGSSGGVIYLVITAAAGVDHRVILGNELPKFYDE

Purity: > 95% by HPLC

Concentration: 1 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.