

PSMD5, 1-504aa, Human, His tag, E.coli

Cat.NO.: TP03579

3th Edition

Synonyms:S5B

Description:PSMD5 also known as 26S proteasome non-ATPase regulatory subunit 5 isoform 1. The 26S proteasome is an enzymatic complex that degrades ubiquitinated proteins in eukaryotic cells. PSMD5 is one of a number of chaperones that are involved in the assembly of the proteasome. The chaperones dissociate before 26S proteasome formation is complete. Recombinant human PSMD5, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

Form:Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

Molecular Weight:58.9kDa (529aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSEFMAAQALALLREVARLEAPLEELRALHLSVLQAVPLNELRQQAAELRLGPLF
SLLNENHREKTTLCVSILERLLQAMEPVHVARNLRVDLQRLIHPDDSVKILTLSQIGRIVENS DAVTEILNNAELLKQI
VYCIGGENLSVAKAAIKSLSRISLTQAGLEALFESNLLDDLKSVMKTNDIVRYRVYELIIEISSVSPESLNYCTTSGLVT
QLLRELTGEDVLVRATCIEMVTSLAYTHHGRQYLAQEGVIDQISNIIVGADSDPFSSFYLPGFVKFFGNLAVMDSPQ
QICERYPIFVEKVFEMIESQDPTMIGVAVDTVGILGSNVEGKQVLQKTGTRFERLLMRIGHQSKNAPVELKIRCLDAIS
SLLYLPPEQQTDDLLRMTESWFSSLSRDPLELFRGISSQPFPELHCAALKVFTAIANQPWAQKLMFNSPGFVEYVV
DRSVEHDKASKDAKYELVKALANSKTIAEIFGNPNYLRLR TYLSEGPYYVKPVSTTAVEGAE

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Absorbance at 280nm)

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.