Recombinant Mouse 26S proteasome non-ATPase regulatory subunit 8 (Psmd8)

Product Code	CSB-YP880437MO
Abbreviation	Psmd8
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9CX56
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MFIKGRAAKT PRGEPRRSSR GGRKLAVVAP PPVLGSTSRP HFRRESIARR RCRKSGRRLA ASRKMAATAA TVNGSTTVSS SGPAATSVGI LQAAAGMYEQ LKDEWNRKNP NLSKCGEELG RLKLVLLELN FLPTTGTKLT KQQLILARDI LEIGAQWSIL CKDIPSFERY MAQLKCYYFD YKEQLPESAY MHQLLGLNLL FLLSQNRVAE FHTELERLPA KDIQTNVYIK HPVSLEQYLM EGSYNKVFLA KGNIPAESYT FFIDILLDTI RDEIAGCIEK AYEKILFAEA TRILFFSTPK KMTDYAKKRG WVLGPNNYYS FASQQQKPED STIPSTELAK QVIEYARQLE MIV
Source	Yeast
Target Names	Psmd8
Protein Names	Recommended name: 26S proteasome non-ATPase regulatory subunit 8 Alternative name(s): 26S proteasome regulatory subunit RPN12 26S proteasome regulatory subunit S14
Expression Region	1-353
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the

	immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 1.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.