Recombinant Human PSMA4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PSMA4-1960H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PSMA4 MS Standard C13 and N15-labeled recombinant protein (NP_001096137) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a core alpha subunit of the 20S proteosome, which is a highly ordered ring-shaped structure composed of four rings of 28 non-identical subunits. Proteasomes cleave peptides in an ATP- and ubiquitin-dependent manner.
Molecular Mass	29.5 kDa
AA Sequence	MSRRYDSRTTIFSPEGRLYQVEYAMEAIGHAGTCLGILANDGVLLAAERRNIHKLLDE VFFSEKIYKLNEDMACSVAGITSDANVLTNELRLIAQRYLLQYQEPIPCEQLVTALCDI KQAYTQFGGKRPFGVSLLYIGWDKHYGFQLYQSDPSGNYGGWKATCIGNNSAAAV SMLKQDYKEGEMTLKSALALAIKVLNKTMDVSKLSAEKVEIATLTRENGKTVIRVLKQ KEVEQLIKKHEEEEAKAEREKKEKEQKEKDKTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

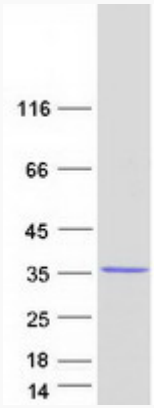
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PSMA4 proteasome 20S subunit alpha 4 [Homo sapiens (human)]
Official Symbol	PSMA4
Synonyms	PSMA4; proteasome (prosome, macropain) subunit, alpha type, 4; proteasome subunit alpha type-4; HC9; HsT17706; macropain subunit C9; proteasome subunit L; proteasome subunit HC9; proteasome component C9; multicatalytic endopeptidase complex subunit C9; PSC9; MGC12467; MGC24813; MGC111191;
Gene ID	5685
mRNA Refseq	NM_001102667
Protein Refseq	NP_001096137
MIM	176846
UniProt ID	P25789

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SDS-PAGE	

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