9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6905: PSMD5 Human

Alternative Name : PSMD5, Proteasome (Prosome, Macropain) 26S Subunit, Non-ATPase, 526S Protease Subunit S5 Basic,26S Proteasome Subunit S5B,S5B,26S Proteasome Non-ATPase Regulatory Subunit 5,KIAA0072.

Description

Source: E.coli.
Sterile Filtered colorless solution.
Proteasome 26S Subunit, Non-ATPase 5, also known as PSMD5 is a member of the proteasome subunit S5B/HSM3 family. The 26S proteasome is an enzymatic complex which degrades ubiquitinated proteins in eukaryotic cells. Furthermore, PSMD5 acts as a chaperones which is involved in the assembly of the 26s proteasome, particularly of the base subcomplex of the PA700/19S regulatory complex. PSMD5 is full of dileucine repeats, which have been involved in trafficking of various transmembrane proteins.
PSMD5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 529 amino acids (1-504 a.a) and having a molecular mass of 58.9kDa.PSMD5 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	PSMD5 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSEFMAAQA LALLREVARL EAPLEELRAL HSVLQAVPLN ELRQQAAELR LGPLFSLLNE NHREKTTLCV SILERLLQAM EPVHVARNLR VDLQRGLIHP DDSVKILTLS QIGRIVENSD AVTEILNNAE LLKQIVYCIG GENLSVAKAA IKSLSRISLT QAGLEALFES NLLDDLKSVM KTNDIVRYRV YELIIEISSV SPESLNYCTT SGLVTQLLRE LTGEDVLVRA TCIEMVTSLA YTHHGRQYLA QEGVIDQISN IIVGADSDPF SSFYLPGFVK FFGNLAVMDS PQQICERYPI FVEKVFEMIE SQDPTMIGVA VDTVGILGSN VEGKQVLQKT GTRFERLLMR IGHQSKNAPV ELKIRCLDAI SSLLYLPPEQ QTDDLLRMTE SWFSSLSRDP LELFRGISSQ PFPELHCAAL KVFTAIANQP WAQKLMFNSP GFVEYVVDRS VEHDKASKDA KYELVKALAN SKTIAEIFGN PNYLRLRTYL SEGPYYVKPV STTAVEGAE.