

Gankyrin Recombinant Protein | PSMD10 recombinant protein

Gankyrin, 1-226aa, Human, E Coli

CATALOG # AAA48512	HOST E Coli	APPLICATIONS SDS-Page
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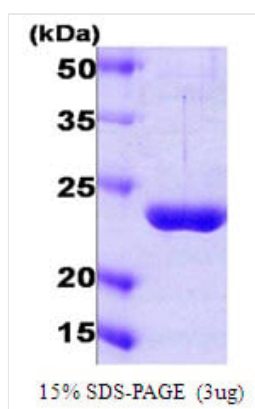
PRODUCT SYNONYMS

Gankyrin; 1-226aa; Human; E Coli; proteasome 26S subunit non ATPase 10 (PSMD10) isoform 1; ankryn repeat protein p28; 26S proteasome non-ATPase regulatory subunit 10; 26S proteasome regulatory subunit p28; PSMD10.; PSMD10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in phosphate buffered saline (pH 7.4), 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MEGCVSNLMV CNLAYSGKLE ELKESILADK SLATRTDQDS RTALHWACSA GHTEIVEFLL QLGVPVNDKD DAGWSPLHIA ASAGRDEIVK ALLGKGAQVN AVNQNGCTPL HYAASKNRHE IAVMLLEGGA NPDAKDHIEA TAMHRAAAKG NLKMIHILLY YKASTNIQDT EGNTPLHLAC DEERVEEAKL LVSQGASIYI ENKEEKTPLQ VAKGGLGLIL KRMVEG
Sequence Length	226
Applicable Applications for PSMD10 recombinant protein	SDS-PAGE
Preparation and 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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PSMD10 recombinant protein	Gankyrin is an oncoprotein commonly overexpressed in most hepatocellular carcinomas. Gankyrin interacts with S6 ATPase of the 19S regulatory particle of the 26S proteasome. It is known to play a role in the regulation of the phosphorylation of the retinoblastoma protein by CDK4, and to enhance the ubiquitinylation of p53 by MDM2. Gankyrin consists of 7 ankyrin repeats and is structurally similar to I kappa Bs. Recombinant human Gankyrin was expressed in E Coli and purified by conventional chromatography techniques.
Product Categories/Family for PSMD10 recombinant protein	Cancer
References	umemura A., et al. (2008) Hepatology. 47 (2):493-502.; Chen Y., et al. (2007) Cell Res. 17 (12): 1020-9;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506217
NCBI GeneID	5716
NCBI Accession #	NP_002805
NCBI GenBank Nucleotide #	NM_002814.3
UniProt Accession #	O75832; Q5U0B2; Q8IZK9
Molecular Weight	24.4kDa (226aa), confirmed by MALDI-TOF.
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 10 isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 10
NCBI Official Symbol	PSMD10
NCBI Official Synonym Symbols	p28; p28(GANK); dJ889N15.2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 10
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 10
UniProt Gene Name	PSMD10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.