

## Recombinant Human Gankyrin/PSDM10 Protein

**Catalog No.** PKSH032479

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

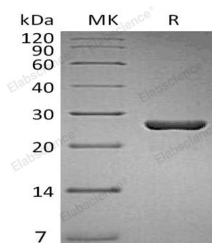
### Description

<b>Synonyms</b>	26S Proteasome Non-ATPase Regulatory Subunit 10;26S Proteasome Regulatory Subunit p28;Gankyrin;p28(GANK);PSMD10
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Gly226
<b>Accession</b>	O75832
<b>Calculated Molecular Weight</b>	24.4 kDa
<b>Observed molecular weight</b>	26 kDa
<b>Tag</b>	None
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, 10% Glycerol, pH 7.4.
<b>Reconstitution</b>	Not Applicable

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Gankyrin is a multicatalytic proteinase oncoprotein consists of 7 ankyrin repeats. Gankyrin overexpressed in most hepatocellular carcinomas. Gankyrin is involved in theregulation of the phosphorylation of the retinoblastoma protein by CDK4 to enhance the ubiquitinylation of p53 by MDM2. Gankyrin is also involved in progression of esophageal squamous cell carcinoma. Gankyrin plays an oncogenic role especially in early stages of human epatocarcinogenesis.

### For Research Use Only