

Product Data:**Product SKU:** RPES4761**Size:** 10µg**Species:** Human**Expression host:** E. coli**Uniprot:** O75832**Protein Information:****Molecular Mass:** 24.4 kDa**AP Molecular Mass:** 26 kDa**Tag:****Bio-activity:****Purity:** > 95 % as determined by reducing SDS-PAGE.**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.**Shipping:** 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.**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4.**Reconstitution:** Please refer to the printed manual for detailed information.**Application:****Synonyms:** 26S Proteasome Non-ATPase Regulatory Subunit 10; 26S Proteasome Regulatory Subunit p28; Gankyrin; p28(GANK); PSMD10

Immunogen Information:

Sequence: Met 1-Gly226

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.