

Recombinant Human Gankyrin/PSDM10 Protein

Catalog Number: PKSH032479

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

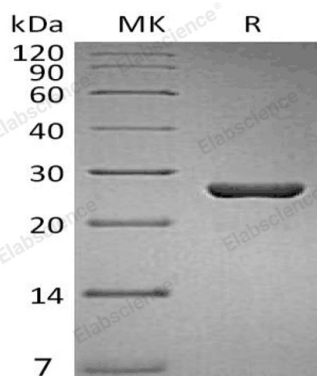
Description

Species	Human
Source	E.coli-derived Human Gankyrin;PSDM10 protein Met 1-Gly226
Calculated MW	24.4 kDa
Observed MW	26 kDa
Accession	O75832
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg of the protein 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 PBS, 10% Glycerol, pH 7.4.

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.