

Recombinant Human DNA Polymeraseβ

Catalog No: C166

Description Recombinant Human Gankyrin is produced by our E.coli expression system and the target gene

encoding Met1-Gly226 is expressed.

Source E.coli

Alternative name 26S Proteasome Non-ATPase Regulatory Subunit 10: 26S Proteasome Regulatory Subunit p28:

Gankyrin; p28(GANK); PSMD10

Accession No. 075832

Predicted Molecular Weight

24.43kDa

AP Molecular

Weight 26kDa, reducing conditions.

Formulation Supplied as a 0.2 µm filtered solution of PBS, 10% Glycerol, pH 7.4.

Quality Control Purity: Greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Shipping The product is shipped on dry ice/polar packs.

Upon receipt, store it immediately at the temperature listed below.

Storage Store at < -20°C, stable for 6 months after receipt.

Please minimize freeze-thaw cycles.

Amino Acid Sequence MSKRKAPQETLNGGITDMLTELANFEKNVSQAIHKYNAYRKAASVIAKYPHKIKSGAEAKKLPGVGTK

IAEKIDEFLATGKLRKLE

KIRQDDTSSSINFLTRVSGIGPSAARKFVDEGIKTLEDLRKNEDKLNHHQRIGLKYFGDFEKRIPREEM

LQMQDIVLNEVKKVDSE

YIATVCGSFRRGAESSGDMDVLLTHPSFTSESTKQPKLLHQVVEQLQKVHFITDTLSKGETKFMGVC

QLPSKNDEKEYPHRRIDI

RLIPKDQYYCGVLYFTGSDIFNKNMRAHALEKGFTINEYTIRPLGVTGVAGEPLPVDSEKDIFDYIQWK

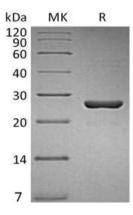
YREPKDRSEVEHHHHH H

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.

SDS-PAGE



MK: Marker

R: Sample in reducing conditions

