9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RPAIN Human

RPA Interacting Protein Human Recombinant
RCP1889

Product Overview

Name	RPAIN Human
Description	
RPA Interacting Protein Human Recombinant	
Accession (Primary)	Q86UA6
Synonyms	
HRIP, RIP, RPA-interacting protein, hRIP, RPAIN.	
Introduction	
RPA-interacting protein isoform d (RPAIN) is a single-stranded-DNA binding protein which participates in various eukaryotic DNA processes such as replication, repair and recombination. RPAIN interacting protein has been indicated as an adapter protein that is involved in RPA nuclear import instead of the prototypical importin proteins that normally mediate nuclear import. RPAIN is mainly expressed in pancreas, kidney, muscle, liver, lung, placenta, brain, heart, leukocytes, colon, intestine, ovary, testis, prostate, thymus and spleen.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
RPAIN protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAESLRS PRRSLYKLVG SPPWKEAFRQ RCLERMRNSR DRLLNRYRQA GSSGPGNSQN SFLVQEVMEE EWNALQSVEN CPEDLAQLEE LIDMAVLEEI QQELINQGL.	
Precautions	
RPAIN Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q86UA6)