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

KIAA0101 Human

KIAA0101 Human Recombinant
RCP1158

Product Overview

Name	KIAA0101 Human
Description	
KIAA0101 Human Recombinant	
Accession (Primary)	Q15004
Synonyms	
KIAA0101, L5, NS5ATP9, OEATC, OEATC-1, OEATC1, p15(PAF), p15/PAF, p15PAF, PAF, PAF15, PCNA-associated factor, Hepatitis C virus NS5A-transactivated protein 9, HCV NS5A-transactivated protein 9, Overexpressed in anaplastic thyroid carcinoma 1, PCNA-associated factor of 15 kDa.	
Introduction	
KIAA0101 is a PCNA-binding protein which performs as a regulator of DNA repair all through DNA replication. Subsequent to DNA mutilation, the collaboration with PCNA is interrupted, enabling the interaction between monoubiquitinated PCNA and the translesion DNA synthesis DNA polymerase eta (POLH) at stalled replisomes, assisting the bypass of replication-fork-blocking lesions. Additionally, KIAA0101 performs as a controller of centrosome number.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The KIAA0101 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MVRTKAD SVPGTYRKVV AARAPRKVLG SSTSATNSTS VSSRKAENKY AGGNPVCVRP TPKWQKGIGE FFRLSPKDSE KENQIPEEAG SSGLGKAKRK ACPLQPDHTN DEKE.	

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Precautions

KIAA0101 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15004)