

Ku P70/P80 recombinant protein

Recombinant Human Ku P70/P80

CATALOG # AAA38473	HOST Sf9 Insect Cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Ku P70/P80; Recombinant Human Ku P70/P80; ATP-dependent DNA helicase 2 subunit 1; ATP-dependent DNA helicase II 70 kDa subunit; Lupus Ku autoantigen protein p70; Ku70; 70 kDa subunit of Ku antigen; Thyroid-lupus autoantigen; TLAA; CTC box-binding factor 75 kDa subunit; CTCBF; CTC75; DNA-repair protein XRCC6; G22P1; XRCC6; ML8.; Ku P70/P80 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Insect Cells
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	KuP70/P80 is supplied at a concentration of 0.93mg/ml IN 16mM HEPES buffer pH-8, 160mM NaCl, and 20% glycerol.
Concentration	Coating Concentration: 0.2-0.6 ug/ml (depending on the type of ELISA plate and coating buffer). Suitable for biotinylation and iodination. (varies by lot)
Sequence Length	609
Applicable Applications for Ku P70/P80 recombinant protein	WB (Western Blot)
Immunological Functions	1. Binds IgG-type human auto-antibodies. 2. Standard ELISA test (checker-board analysis of positive/negative samples). 3. Immunodot analysis with positive/negative samples.
Physical Appearance	Sterile Filtered clear solution.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles. Shipping: Dry Ice

ADDITIONAL INFORMATION

Related Product Information for Ku P70/P80 recombinant protein	KuP70/P80 Human Recombinant produced in SF9 insect cells is a glycosylated, polypeptide chain having a molecular mass of 70,638 Dalton for the p70 subunit and 83,528 Dalton for the p80 subunit. Ku (P70/P80) is expressed with a -6xHis tag and purified by proprietary chromatographic techniques.
Product Categories/Family for Ku P70/P80 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	573014815
NCBI GeneID	2547
NCBI Accession #	NP_001275905.1
NCBI GenBank Nucleotide #	NM_001288976.1
UniProt Accession #	P12956 ; Q6FG89 ; Q9UCQ2 ; Q9UCQ3 ; B1AHC8

NCBI Official Full Name	X-ray repair cross-complementing protein 6 isoform 1
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 6
NCBI Official Symbol	XRCC6
NCBI Official Synonym Symbols	ML8; KU70; TLAA; CTC75; CTCBF; G22P1
NCBI Protein Information	X-ray repair cross-complementing protein 6; 5'-dRP lyase Ku70; 5'-deoxyribose-5-phosphate lyase Ku70; 70 kDa subunit of Ku antigen; ATP-dependent DNA helicase 2 subunit 1; ATP-dependent DNA helicase II 70 kDa subunit; ATP-dependent DNA helicase II, 70 kDa subunit; CTC box binding factor 75 kDa subunit; CTC box-binding factor 75 kDa subunit; DNA repair protein XRCC6; Ku autoantigen p70 subunit; Ku autoantigen, 70kDa; lupus Ku autoantigen protein p70; thyroid autoantigen 70kD (Ku antigen); thyroid autoantigen 70kDa (Ku antigen); thyroid-lupus autoantigen p70
UniProt Protein Name	X-ray repair cross-complementing protein 6
UniProt Gene Name	XRCC6
UniProt Synonym Gene Names	G22P1; 5'-dRP lyase Ku70; CTC75; CTCBF; Ku70; TLAA
UniProt Entry Name	XRCC6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/xrcc6-recombinant-protein-sf9-insect-cells-wb-western-blot/38473>