

Xeroderma Pigmentosum, Complementation Group C (XPC) Recombinant Protein | XPC recombinant protein

Recombinant Xeroderma Pigmentosum, Complementation Group C (XPC)

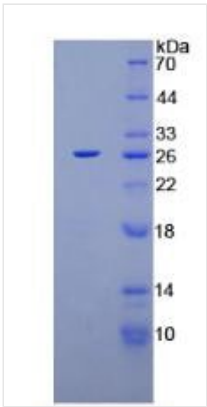
CATALOG # AAA135581	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Xeroderma Pigmentosum; Complementation Group C (XPC); Recombinant Xeroderma Pigmentosum; XPC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-EY QPPVAVDGKV PRNEFGNVYL FLPSMMPIGC VQMNLPLNHR VARKLGIDCV QAITGDFDHG GYCHPVTGDY VVCEEFRDVL LAAWENEQAL IEKKEKEKKE KRALGNWKL VRLLIRERL KLRYGAKSEA AAPHANAGGG LSSDEEEGTS SQAEAAARVLA ASWPQNRETK EEQKPDYTKM TRRRRAAEAS HLPFEKL
Sequence Length	933
Applicable Applications for XPC recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Glu734~Leu933 (Accession # D4A3D8) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	8.6
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

GVQPPVA VDGKVPNEF
GNVYLFPSM MPICGVQNL PNLHRVARKL GIDCVQAITG FDFHGGYCHP
VTDGYVCEE FPDVLLAANE NEQALIEKKE KEKKEKRALG NKKLLVPGLL
IPERLKLRYG AKSEAAAPHA NAGGLSSDE EEGTSSQAEA ARVLAASHPQ
NRETKEEQKP DYTEKTRRRR AAEASHLFFP EKL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	157823425
NCBI GeneID	312560
NCBI Accession #	NP_001101344.1
NCBI GenBank Nucleotide #	NM_001107874.1
UniProt Accession #	D4A3D8
Molecular Weight	26.3kDa
NCBI Official Full Name	xeroderma pigmentosum, complementation group C
NCBI Official Synonym Full Names	xeroderma pigmentosum, complementation group C
NCBI Official Symbol	Xpc
NCBI Protein Information	xeroderma pigmentosum, complementation group C
UniProt Protein Name	Protein Xpc
UniProt Gene Name	Xpc
UniProt Synonym Gene Names	Xpc_predicted
UniProt Entry Name	D4A3D8_RAT

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.