

Recombinant Human XPA, His-tagged

Cat. No. XPA-3751H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human XPA protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-273aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	XPA xeroderma pigmentosum, complementation group A [Homo sapiens]
Official Symbol	XPA
Synonyms	XPA; xeroderma pigmentosum, complementation group A; DNA repair protein complementing XP-A cells; XP1; XPAC; excision repair-controlling; xeroderma pigmentosum group A-complementing protein;

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Gene ID	7507
mRNA Refseq	NM_000380
Protein Refseq	NP_000371
MIM	611153
UniProt ID	P23025
Chromosome Location	9q22.3
Pathway	DNA Repair, organism-specific biosystem; Dual incision reaction in GG-NER, organism-specific biosystem; Formation of incision complex in GG-NER, organism-specific biosystem; Global Genomic NER (GG-NER), organism-specific biosystem; Nucleotide Excision Rep
Function	damaged DNA binding; metal ion binding; nucleotide binding; protein binding; protein domain specific binding; protein homodimerization activity;

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