

Product datasheet for TP503762

Xpa (BC029241) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse xeroderma pigmentosum, complementation group A (cDNA clone MGC:36016 IMAGE:4489063), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203762 representing BC029241
Red=Cloning site Green=Tags(s)

MATAEEKQTSPEPVAADPAQLPAAVRASVERKRQRALMLRQARLAARPYAAAATGGVASVKAAPKMID
TKGGFILEEEEEKHEIGNIVHEPGPVMDFDYTICEECGKEFMDSYLMNHFDLPTCDSCRDADDKHKLITK
TEAKQEYLLKDCDLEKREPALRFLVKKNPRHSQWGMKLYLKLQVVKRALEVWGSQEALEDAKEVRQENR
EKMKQKKFDKKVKVGLDDAVKILLDDKPLHRMAPWHNRALRKRSSVLTRTTTKQISFIYSINTCDCCAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 45.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Locus ID: 22590

UniProt ID: [Q64267](#)

RefSeq Size: 1234



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Cytogenetics: 4 24.49 cM

RefSeq ORF: 837

Synonyms: AI573865; Xpac

Summary: Involved in DNA excision repair. Initiates repair by binding to damaged sites with various affinities, depending on the photoproduct and the transcriptional state of the region. Required for UV-induced CHEK1 phosphorylation and the recruitment of CEP164 to cyclobutane pyrimidine dimers (CPD), sites of DNA damage after UV irradiation (By similarity). [UniProtKB/Swiss-Prot Function]