

Product datasheet for TP303393L

XLF (NHEJ1) (NM_024782) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nonhomologous end-joining factor 1 (NHEJ1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203393 protein sequence Red =Cloning site Green =Tags(s)

MEELEQGLLMQPWAWLQLAENSLAKVFITKQGYALLVSDLQQVWHEQVDTSVWSQRAKELNKRLTAPPA
AFLCHLDNLLRPLLKDAAHPSSEATFSCDCVADALILRVRSELSGLPFYWNFHCMLASPSLVSQHLIRPLM
GMSLALQCQVRELATLLHMKDLEIQDYQESGATLIRDRLKTEPFEENSFLEQFMIEKLPEACSIGDGKPF
VMNLQDLYMAVTTQEVQVGQKHQGAGDPHTSNSASLQGIDSQCVNQPEQLVSSAPTLSAPEKESTGTSGP
LQRPQLSKVKRKKPRGLFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_079058</u>
Locus ID:	79840



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UniProt ID: [Q9H9Q4](#)

RefSeq Size: 2119

Cytogenetics: 2q35

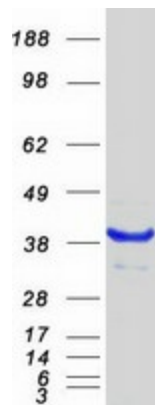
RefSeq ORF: 897

Synonyms: XLF

Summary: Double-strand breaks in DNA result from genotoxic stresses and are among the most damaging of DNA lesions. This gene encodes a DNA repair factor essential for the nonhomologous end-joining pathway, which preferentially mediates repair of double-stranded breaks. Mutations in this gene cause different kinds of severe combined immunodeficiency disorders. [provided by RefSeq, Jul 2008]

Protein Pathways: Non-homologous end-joining

Product images:



Coomassie blue staining of purified NHEJ1 protein (Cat# [TP303393]). The protein was produced from HEK293T cells transfected with NHEJ1 cDNA clone (Cat# [RC203393]) using MegaTran 2.0 (Cat# [TT210002]).