

Product datasheet for **TP762694**

ANKRD32 (SLF1) (NM_032290) Human Recombinant Protein

Product data:

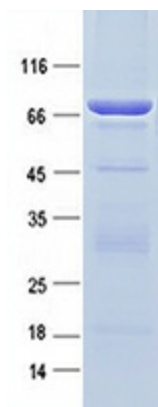
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ankyrin repeat domain 32 (ANKRD32)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of ANKRD32
Tag:	N-GST and C-HIS
Predicted MW:	75.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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.
RefSeq:	NP_115666
Locus ID:	84250
UniProt ID:	Q9BQI6 , I6L9F1
RefSeq Size:	3813
Cytogenetics:	5q15
RefSeq ORF:	1266
Synonyms:	ANKRD32; BRCTD1; BRCTx



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Summary:

Plays a role in the DNA damage response (DDR) pathway by regulating postreplication repair of UV-damaged DNA and genomic stability maintenance (PubMed:25931565). The SLF1-SLF2 complex acts to link RAD18 with the SMC5-SMC6 complex at replication-coupled interstrand cross-links (ICL) and DNA double-strand breaks (DSBs) sites on chromatin during DNA repair in response to stalled replication forks (PubMed:25931565). Promotes the recruitment of SLF2 and the SMC5-SMC6 complex to DNA lesions (PubMed:25931565).[UniProtKB/Swiss-Prot Function]

Product images:

Purified recombinant protein ANKRD32 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.