

Product datasheet for **TP762165**

SARA (ZFYVE9) (NM_004799) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human zinc finger, FYVE domain containing 9 (ZFYVE9), transcript variant 3, Asp699-Ile899, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Asp699-Ile899) of ZFYVE9
Tag:	N-His
Predicted MW:	21.4 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.
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_004790
Locus ID:	9372
UniProt ID:	O95405
RefSeq Size:	5210
Cytogenetics:	1p32.3
RefSeq ORF:	4275
Synonyms:	MADHIP; NSP; PPP1R173; SARA; SMADIP



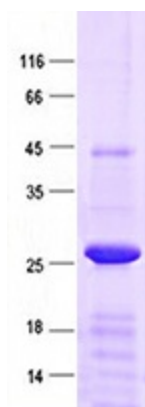
[View online »](#)

Summary:

This gene encodes a double zinc finger motif-containing protein that participates in the transforming growth factor-beta (TGFB) signalling pathway. The encoded protein interacts directly with SMAD2 and SMAD3, and recruits SMAD2 to the TGFB receptor. There are multiple pseudogenes for this gene on chromosomes 2, 15, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]

Protein Pathways:

TGF-beta signaling pathway

Product images:

Purified recombinant protein ZFYVE9 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.