

Product datasheet for **TP762344**

Rex1 (ZFP42) (NM_174900) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human zinc finger protein 42 homolog (mouse) (ZFP42), Met1-His235, 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(Met1-His235) of ZFP42
Tag:	N-His
Predicted MW:	26.1 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_777560
Locus ID:	132625
UniProt ID:	Q96MM3
RefSeq Size:	2649
Cytogenetics:	4q35.2
RefSeq ORF:	930
Synonyms:	REX-1; REX1; zfp-42; ZNF754

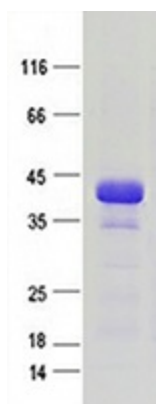


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Summary: Involved in the reprogramming of X-chromosome inactivation during the acquisition of pluripotency. Required for efficient elongation of TSIX, a non-coding RNA antisense to XIST. Binds DXPas34 enhancer within the TSIX promoter. Involved in ES cell self-renewal (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Adult stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Stem cell - Pluripotency

Product images:



Purified recombinant protein ZFP42 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.