

Recombinant Human TERF2 protein, His-tagged

Cat. No. TERF2-3393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TERF2 protein(1-251 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-251 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAGGGGSSDGSRAAGRRASRSSGRARRGRHEPGLGGPAERGAGEARLEEAVN RWVLKFYFHEALRAFRGSRYGDFRQIRDIMQALLVRPLGKEHTVSRLLRVMQCLSRI EEGENLDCSFDMEAELTPLESAINVLEMIKTEFTLTEAVVESSRKLVKAAVVICIKNKE FEKASKILKKHMSKDPTTQKLNRNDLLNIIREKNLAHPVIQNFYSYETFQQKMLRFLESHL DDAEPYLLTVRLGPSPITMVCP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	TERF2 telomeric repeat binding factor 2 [Homo sapiens]
Official Symbol	TERF2
Synonyms	TERF2; telomeric repeat binding factor 2; TRBF2; telomeric repeat-binding factor 2; TRF2; telomeric DNA-binding protein; TTAGGG repeat-binding factor 2; telomeric repeat binding protein 2;
Gene ID	7014
mRNA Refseq	NM_005652
Protein Refseq	NP_005643
MIM	602027
UniProt ID	Q15554

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