

Recombinant Human TRPS1 protein, His-tagged

Cat. No. TRPS1-3193H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPS1 protein(1158-1281 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1158-1281 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	SDNDIPLDLAIKHSRPGPTANGASKEKTKAPPNVKNEGPLNVVKTEKVDRSTQDELS TKCVHCGIVFLDEVMYALHMSCHGDSGPFQCSICQHLCTDKYDFTTHIQRGLHRNN AQVEKNGKPKE
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.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	TRPS1 trichorhinophalangeal syndrome I [Homo sapiens]
Official Symbol	TRPS1
Synonyms	TRPS1; trichorhinophalangeal syndrome I; zinc finger transcription factor Trps1; LGCR; zinc finger protein GC79; tricho-rhino-phalangeal syndrome type I protein; GC79; MGC134928;
Gene ID	7227
mRNA Refseq	NM_014112
Protein Refseq	NP_054831
MIM	604386
UniProt ID	Q9UHF7

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