

Recombinant Human MED21 protein, His-tagged

Cat. No. MED21-3380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MED21 protein(1-144 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-144 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	MADRLTQLQDAVNSLADQFCNAIGVLQQCGPPASFNNIQTAINKDQPANPTEEYAQL FAALIARTAKDIDVLIDSLPSEESTAALQAASLYKLEENHEAATCLEDVVYRGDMLLE KIQSALADIAQSQLKTRSGTHSQSLPDS
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 µg/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	MED21 mediator complex subunit 21 [Homo sapiens]
Official Symbol	MED21
Synonyms	MED21; mediator complex subunit 21; SRB7 (suppressor of RNA polymerase B, yeast) homolog , SRB7 suppressor of RNA polymerase B homolog (yeast) , SURB7; mediator of RNA polymerase II transcription subunit 21; SRB7; hSrb7; RNAPII complex component SRB7; RNA polymerase II complex component SRB7; RNA polymerase II holoenzyme component SRB7; SRB7 suppressor of RNA polymerase B homolog; SURB7;
Gene ID	9412
mRNA Refseq	NM_004264
Protein Refseq	NP_004255
MIM	603800
UniProt ID	Q13503

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