

Recombinant Human UBTF Protein (1-670 aa), His-SUMO-tagged

Cat. No. UBTF-2505H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBTF Protein (1-670 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-670 aa
Description	Recognizes the ribosomal RNA gene promoter and activates transcription mediated by RNA polymerase I through cooperative interactions with the transcription factor SL1/TIF-IB complex. It binds specifically to the upstream control element.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	95.2 kDa
AA Sequence	MNGEADCPTDLEMAAPKGQDRWSQEDMLTLLECMKNNLPSNDSSKFKTTESHMD WEKVAFKDFSGDMCKLKWVEISNEVRKFRTLTELILDAQEHVKNPYKGKLLKHPDF PKKPLTPYFRFFMEKRAKYAKLHPEMSNDLTKILSKKYKELPEKKMKYIQDFQREK QEFERNLARFREDHPDLIQNAKKSIDIPEKPKTPQQLWYTHEKKVYLKVRPDATTKEV KDSLQKQWSQLSDKKRLKWIHKALEQRKEYEIMRDYIQKHPELNISEEGITKSTLTK AERQLKDKFDGRPTKPPNSYSLYCAELMANMKDVPSTERMVLCSQQWKLSSQKE

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KDAYHKKCDQKKKDYEVLLRFLESLPEEEQQRVLGEEKMLNINKKQATSPASKKP
 AQEGGKGGSEKPKRPVSAMFIFSEEKRRQLQEERPELSESELTRLLARMWNDLSEK
 KKAKYKAREAALKAQSERKPGGEREERGKLPESPKRAEEIWQQSVIGDYLARFKND
 RVKALKAMEMTWNNMEKKEKLMWIKKAAEDQKRYERELSEMRAPPAATNSSKKMK
 FQGEPKKPPMNGYQKFSQELLSNGELNHLPLKERMVEIGSRWQRISQSQKEHYKKL
 AEEQQKQYKVHLDLWVKSLSPQDRAAYKEYISNKRKSMTKLRGPNPKSSRTT

Purity > 85% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name UBTF upstream binding transcription factor, RNA polymerase I [Homo sapiens]

Official Symbol UBTF

Synonyms UBTF; NOR 90; UBF; autoantigen NOR-90; UBF1; UBF-1; NOR-90;

Gene ID 7343

mRNA Refseq NM_001076683

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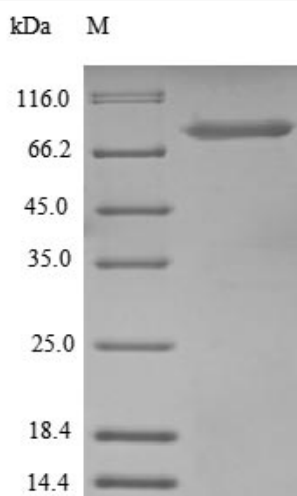
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Protein Refseq NP_001070151

MIM 600673

UniProt ID P17480



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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