

Product datasheet for TP527138

Tcof1 (NM_011552) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse treacle ribosome biogenesis factor 1 (Tcof1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR227138 representing NM_011552
Red=Cloning site Green=Tags(s)

MAEARKRRELLPLIYHHLLQAGYVRAAREVKEQSGQKSFLTQPVTLLDIYTHWQQTSELGQKQKAEDDET
LQAKKSRVSDPVSSSESSDQEKEEEAATERAKATPRPTPVNSATAALPSKVKEKGTKTANKTVNSVSH
GSGKTVVHLLSGKSPKSAEPLANTVLASETEEEGNAQALGPTAKSGTVSAGQGSSSESSISSEDET
EVKSPAKPAQAKASAAKDPARTAPGPTKLGNAVPTPAKPARAAAAA AVAAAAAEESESEE
DSDSEDEAPAGLPSQVKASGKGPVHRADSVSAKGISGKGPILATPGKTGPAATQAKAERPEKDSETSS
DSDSEDEMPVTVNTQPARTSGKSPRARGTSAPAKESSQKGAPAVTPGKARPVAAQAGKPEAKSSESE
SGETPAAATLTTPAKVKPLGKSSQVRPVSTVTPGSSGKANLPCPGKVGSAALRVQMVKKEDVSESSA
ELDSDGPGSPAKAKASLALPQKVRPVATQVKTDRGKGHSGSSESSDSEEEAAPASAAQAKPALEKQMK
ASSRKGTPASATGASTSSHCKAGAVTSSASLSPALAKGTQRSVDSSSESESEGAAPSTPRVQKSGGK
GLQGKAALGQGVAPVHTQKTGPSVKAMAQEDSESLSEEDSSSEEEDETPAQATPLGRLPQAKANPPPTKTP
PASASGKAVAAPTCKGKPPVNSTVSARGQRSVPAAGKAGAPATQAQKGPVAGTGEDSESSKEESDSEEE
TPAQIKPVGKTSQVRAASAPAKESPCKGAHPGTPGKTGSSATQAQPGKTEDSDSSSEESDSDTEMP
SAQA IKSPVSVNRNSSPAVPAPTPEGVQAVNTTKKASGTTAQSSSESEEDGEDLIPATQPSTYALRTSV
TTP AALSRAASQPSKSEQSSRMPKGGKAKAAASAQTSSAVETLPMMPQSAPIQPKATNKLGKSKLPEKQ
QLA PGYPKAPRSEDSSDTSSEDEEDAKRPQMPKSAHRLDPDPSQKETVVEETPTESSEDEMVA
PSQSLLSGY MTPGLTVANSQASKATPRPDSNSLASSAPATKDNPDGKQKSKSQHAADTALPKTGRKE
ASSGSTPQPKPK LKKSTSSSPAPTQTLNPSITQRLLEQAWPLSEAQVQASVVKVLTLELQERL
KATEAIKESGKKSQKRKL SGDLEAGAPKNKKKKEQVPRAVAVSPEKAPMTSKAKSKLDKGSAGGK
GKSPGPQGAKEKPDGELLGIK LESGEQSDPKSKKKKSLKKKDKKKEKKGKSLAKDSASPIQK
KKKKKSAEPAV

TRTRPLEQLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 135.5 kDa



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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_035682
Locus ID:	21453
UniProt ID:	O08784 , Q6PFZ6
RefSeq Size:	4013
Cytogenetics:	18 34.41 cM
RefSeq ORF:	3960
Synonyms:	AA408847; AW209012; treacle
Summary:	Nucleolar protein that acts as a regulator of RNA polymerase I by connecting RNA polymerase I with enzymes responsible for ribosomal processing and modification. Required for neural crest specification: following monoubiquitination by the BCR(KBTBD8) complex, associates with NOLC1 and acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification.[UniProtKB/Swiss-Prot Function]