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Product datasheet for TP761361

POLR3F (NM_006466) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa (POLR3F), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length POLR3F
Tag:	N-GST and C-His
Predicted MW:	61.5 kDa
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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 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.
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_006457
Locus ID:	10621
UniProt ID:	Q9H1D9
RefSeq Size:	2159
Cytogenetics:	20p11.23
RefSeq ORF:	948
Synonyms:	C34; RPC6; RPC39

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Summary: The protein encoded by this gene is one of more than a dozen subunits forming eukaryotic RNA polymerase III (RNA Pol III), which transcribes 5S ribosomal RNA and tRNA genes. This protein has been shown to bind both TFIIIB90 and TBP, two subunits of RNA polymerase III transcription initiation factor IIIB (TFIIIB). Unlike most of the other RNA Pol III subunits, the encoded protein is unique to this polymerase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Protein Families: Transcription Factors

Protein Pathways: Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

Product images: