

Recombinant Human POLR3K Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POLR3K-1482H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POLR3K MS Standard C13 and N15-labeled recombinant protein (NP_057394) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a small essential subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer and small ribosomal RNAs in eukaryotes. The carboxy-terminal domain of this subunit shares a high degree of sequence similarity to the carboxy-terminal domain of an RNA polymerase II elongation factor. This similarity in sequence is supported by functional studies showing that this subunit is required for proper pausing and termination during transcription. Pseudogenes of this gene are found on chromosomes 13 and 17.
Molecular Mass	12.3 kDa
AA Sequence	MLLFPCPGCGNGLIVEEGQRCHRFACNTCPYVHNITRKVTNRKYPKLKEVDDVLGGA AAWENVDDSTAESCPKCEHPRAYFMQLQTRSADEPMTTFYKCCNAQCGRWRDTR TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name POLR3K RNA polymerase III subunit K [Homo sapiens (human)]

Official Symbol POLR3K

Synonyms POLR3K; polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa; polymerase (RNA) III (DNA directed) polypeptide K (12.3 kDa); DNA-directed RNA polymerase III subunit RPC10; RPC11; RNA polymerase III subunit C10; RNA polymerase III subunit C11; RNA polymerase III subunit CII; RNA polymerase III 12.5 kDa subunit; RNA polymerase III subunit (hRPC11); DNA-directed RNA polymerase III subunit K; DNA-directed RNA polymerases III 12.5 kDa polypeptide; C11; My010; RPC10; hRPC11; RPC12.5; C11-RNP3;

Gene ID 51728

mRNA Refseq NM_016310

Protein Refseq NP_057394

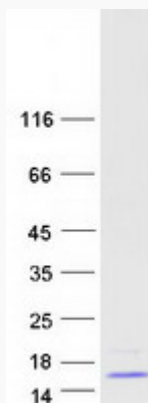
MIM 606007

UniProt ID Q9Y2Y1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA