

Recombinant Human SMG8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SMG8-5043H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C17orf71 MS Standard C13 and N15-labeled recombinant protein (NP_060619) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SMG8 (SMG8 Nonsense Mediated mRNA Decay Factor) is a Protein Coding gene. Diseases associated with SMG8 include Metaphyseal Chondrodysplasia, Schmid Type and Ullrich Congenital Muscular Dystrophy 1. Among its related pathways are Gene Expression and Viral mRNA Translation. An important paralog of this gene is ENSG00000265303.
Molecular Mass	109.5 kDa
AA Sequence	MAGPVSLRDLLMGASAWMGSESPGGSPTEGGGSAAGGPEPPWREDEICVVGIFG KTALRLNSEKFSLVNTVCDRQVFPLFRHQDPGDPGPGIRTEAGAVGEAGGAEDPGA AAGGSVRGSGAVAEGNRTEAGSQDYSLQAYYSQESKVLVLLTSICDNSQLLRAC RALQSGEAGGGLSLPHAEAHEFWKHQEKQLCLSLLYLFSVCHILLVHPTCSFDITY DRVFRALDGLRQKVLPLKTAIKDCPVGKDWKLNCRPCPPRLLFLFQLNGALKVEPP RNQDPAHPDKPKKHSPKRRLQHALEDQIYRIFRKSRLVLTNQSINCLFTVPANQAFVYI VPGSQEEDPVGMLLDQLRSHCTVKDPESLLVPAPLSGPRRYQVMRQHSRQQLSFH IDSSSSSSSGQLVDFTLREFLWQHVELVLSKKGFDSDVGRNPQP SHFELPTYQKWI

 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

SAASKLYEVAIDGKEEDLGSPTGELTSKILSSIKVLEGFLDIDTKFSENRCQKALPMAH
 SAYQSNLPHNYTMTVHKNQLAQALRVYSQHARGPAFHKYAMQLHEDCYKFWSNG
 HQLCEERSLTDQHCVHKFHSLPKSGEKPEADRNPVLYHNSRARSTGACNCGRKQ
 APRDDPFDIKAANYDFYQLLEEKCCGKLDHINFPVFEPSTPDPAPAKNESSPAPPDS
 DADKLKEKEPQTQGESTSLSLALSLGQSTDSLGTYPADPQAGGDNPEVHGQVEVKT
 EKRPNFVDRQASTVEYLPGMLHSNCPKGLLPKFSSWSLVKLGPAKSYNFHTGLDQ
 QGFIPGTNYLMPWDIVIRTRAEDGEGLDTNSWPAPNKAIPGKRSAVVMGRGRRRDD
 IARAFVGFYEDSRGRRFMCSGPDKVMKVMGSGPKESALKALNSDMPYILSSSQG
 RGLKPHYAQLMRLFVVVPDAPLQIILMPQVQPGPPPCPVFYPEKQEITLPPDGLWVL
 RFPYAYVTERGPCFPPKENVQLMSYKVLRGVLKAVTQTRTRPLEQKLISEEDLAAND
 ILDYKDDDDKV

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 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 SMG8 SMG8 nonsense mediated mRNA decay factor [Homo sapiens (human)]

Official Symbol SMG8

Synonyms SMG8; smg-8 homolog, nonsense mediated mRNA decay factor (C. elegans); C17orf71, chromosome 17 open reading frame 71; protein SMG8; FLJ10587;

 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

FLJ23205; protein smg-8 homolog; amplified in breast cancer gene 2 protein;
C17orf71;

Gene ID 55181

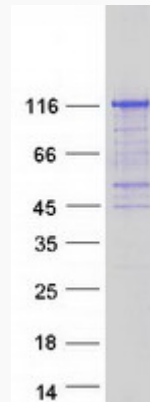
mRNA Refseq NM_018149

Protein Refseq NP_060619

MIM 613175

UniProt ID Q8ND04

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