

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 DRVFRALDGLRQKVLPLLKTAIKDCPVGKDWKLNCRPCPPRLLFLFQLNGALKVEPP RNQDPAHPDKPKKHSPKRRLQHALEDQIYRIFRKSRVLTNQSINCLFTVPANQAFVYI VPGSQEEDPVGMMLLDQLRSHCTVKDPESLLVPAPLSGPRRYQVMRQHSRQQLSFH IDSSSSSSSGQLVDFTLREFLWQHVELVLSKKGFDSDVGRNPQPSHFELPTYQKWI

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SAASKLYEVAIDGKEEDLGSPGTGELTSKILSSIKVLEGFLDIDTKFSENRCQKALPMAH
 SAYQSNLPHNYTMTVHKNQLAQALRVYSQHARGPAFHKYAMQLHEDCYKFWSNG
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 QGFIPGTNYLMPWDIVIRTRAEDGEGLDTNSWPAPNKAIPGKRSVVMGRGRRRDD
 IARAFVGFYEDSRGRRFMCSGPDKVMKVMGSGPKESALKALNSDMPLYILSSSQG
 RGLKPHYAQLMRLFVVVPDAPLQIILMPQVQPGPPPCPVFYPEKQEITLPPDGLWVL
 RFPYAYVTERGPCFPKENVQLMSYKVLRGVLKAVTQTRTRPLEQKLISEEDLAAND
 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;

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

Gene ID [55181](#)

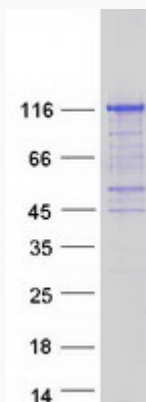
mRNA Refseq [NM_018149](#)

Protein Refseq [NP_060619](#)

MIM [613175](#)

UniProt ID [Q8ND04](#)

SDS-PAGE



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