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

Cat. No. HMCES-4955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C3orf37 MS Standard C13 and N15-labeled recombinant protein (NP_064572) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	HMCES (5-Hydroxymethylcytosine Binding, ES Cell Specific) is a Protein Coding gene. Diseases associated with HMCES include Brachydactyly, Type A4 and Arthrogryposis, Distal, Type 6. Gene Ontology (GO) annotations related to this gene include peptidase activity.
Molecular Mass	40.6 kDa
AA Sequence	MCGRTSCHLPRDVLTRACAYQDRRGQQRLPEWRDPDKYCPSYNKSPQSNSPVLL SRLHFEKDADSSERIIAPMRWGLVPSWFKESDPSKLQFNTTNCRSDTVMEKRSFKV PLGKGRRCVVLADGFYEWQRCQGTNQRQPYFIYFPQIKTEKSGSIGAADSPENWEK VWDNWRLLTMAGIFDCWEPPEGGDVLYSYTIITVDSCKGLSDIHHRMPAILDGEEAV SKWLDFGEVSTQEALKLIHPTENITFHAVSSVVNNSRNNTPECLAPVDLVVKKELRA SGSSQRMLQWLATKSPKKEDSKTPQKEESDVPQWSSQFLQKSPLPTKRGTAGLLE QWLKREKEEEPVAKRPYSQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

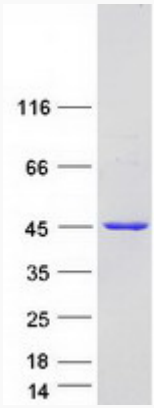
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	HMCES 5-hydroxymethylcytosine binding, ES cell specific [Homo sapiens (human)]
Official Symbol	HMCES
Synonyms	HMCES; 5-hydroxymethylcytosine binding, ES cell specific; DC12; SRAPD1; C3orf37; abasic site processing protein HMCES; 5-hydroxymethylcytosine (hmC) binding, ES cell-specific; ES cell-specific 5hmC-binding protein; SOS response associated peptidase domain containing 1; SRAP domain-containing protein 1; UPF0361 protein C3orf37; embryonic stem cell-specific 5-hydroxymethylcytosine-binding protein; peptidase HMCES; putative endonuclease HMCES; putative peptidase SRAPD1
Gene ID	56941
mRNA Refseq	NM_020187
Protein Refseq	NP_064572
MIM	618288
UniProt ID	Q96FZ2

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