Recombinant Human HMCES Protein, GST-Tagged

Cat. No. HMCES-0030H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HMCES full-length ORF (NP_001006109.1, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	HMCES (5-Hydroxymethylcytosine Binding, ES Cell Specific) is a Protein Coding gene. GO annotations related to this gene include peptidase activity.
Molecular Mass	67 kDa
AA Sequence	MCGRTSCHLPRDVLTRACAYQDRRGQQRLPEWRDPDKYCPSYNKSPQSNSPVLL SRLHFEKDADSSERIIAPMRWGLVPSWFKESDPSKLQFNTTNCRSDTVMEKRSFKV PLGKGRRCVVLADGFYEWQRCQGTNQRQPYFIYFPQIKTEKSGSIGAADSPENWEK VWDNWRLLTMAGIFDCWEPPEGGDVLYSYTIITVDSCKGLSDIHHRMPAILDGEEAV SKWLDFGEVSTQEALKLIHPTENITFHAVSSVVNNSRNNTPECLAPVDLVVKKELRA SGSSQRMLQWLATKSPKKEDSKTPQKEESDVPQWSSQFLQKSPLPTKRGTAGLLE QWLKREKEEEPVAKRPYSQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HMCES 5-hydroxymethylcytosine (hmC) binding, ES cell-specific [Homo sapiens (human)]
Official Symbol	HMCES
Synonyms	HMCES; 5-hydroxymethylcytosine (hmC) binding, ES cell-specific; C3ORF37; chromosome 3 open reading frame 37; UPF0361 protein C3orf37; DC12; MGC111075; SRAPD1; 5-Hydroxymethylcytosine Binding, ES Cell Specific; Embryonic Stem Cell-Specific 5-Hydroxymethylcytosine-Binding Protein; 5-Hydroxymethylcytosine (HmC) Binding, ES Cell-Specific; ES Cell-Specific 5hmC-Binding Protein; SRAP Domain-Containing Protein 1; Putative Peptidase SRAPD1; SOS Response Associated Peptidase Domain Containing 1; Chromosome 3 Open Reading Frame 37; UPF0361 Protein C3orf37; EC 3.4.-.-
Gene ID	56941
mRNA Refseq	NM_001006109
Protein Refseq	NP_001006109
UniProt ID	Q96FZ2

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