Recombinant Human CEP19 Protein, GST-Tagged

Cat. No. CEP19-0027H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C3orf34 full-length ORF (BAG36771.1, 1 a.a. - 163 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene localizes to centrosomes and primary cilia and co-localizes with a marker for the mother centriole. This gene resides in a region of human chromosome 3 that is linked to morbid obesity. A homozygous knockout of the orthologous gene in mouse resulted in mice with morbid obesity, hyperphagy, glucose intolerance, and insulin resistance. Mutations in this gene cause morbid obesity and spermatogenic failure (MOSPGF). This gene has a pseudogene on human chromosome 2. [provided by RefSeq, Apr 2014]
Molecular Mass	44.33 kDa
AA Sequence	MMCTAKKCGIRFQPPAIILIYESEIKGKIRQRIMPVRNFSKFSDCTRAAEQLKNNPRHK SYLEQVSLRQLEKLFSFLRGYLSGQSLAETMEQIQRETTIDPEEDLNKLDDKELAKRK SIMDELFEKNQKKKDDPNFVYDIEVEFPQDDQLQSCGWDTESADEF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

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	CEP19 centrosomal protein 19kDa [Homo sapiens]
Official Symbol	CEP19
Synonyms	CEP19; centrosomal protein 19kDa; C3orf34, chromosome 3 open reading frame 34; centrosomal protein of 19 kDa; MGC14126; C3orf34;
Gene ID	84984
mRNA Refseq	NM_032898
Protein Refseq	NP_116287
MIM	615586
UniProt ID	Q96LK0

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