

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	MMCTAKKCGIRFQPPAILIYESEIKGKIRQIMPVRNFSKFSDCTRAAEQLKNNPRHK SYLEQVSLRQLEKLFSFLRGYLSGQSLAETMEQIQRETTIDPEEDLNKLDDKELAKRK SIMDELFEKNQKKKDDPNFVYDIEVEFPQDDQLQSCGWDTESADEF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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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