

Recombinant Human CEP63, GST-tagged

Cat. No. CEP63-11114H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human CEP63 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-349a.a. |
| Description | This gene encodes a protein with six coiled-coil domains. The protein is localized to the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. Several alternatively spliced transcript variants have been found, but their biological validity has not been determined. |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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| Gene Name | CEP63 centrosomal protein 63kDa [Homo sapiens] |
| Official Symbol | CEP63 |

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| Synonyms | centrosomal protein 63kDa; FLJ13386; centrosomal protein of 63 kDa; centrosome protein CEP63; Cep63 |
| Gene ID | 80254 |
| mRNA Refseq | NM_001042383.1 |
| Protein Refseq | NP_001035842.1 |
| MIM | 614724 |
| UniProt ID | Q96MT8 |
| Chromosome Location | 3q22.2 |
| Pathway | Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Loss of Nlp from mitotic centrosomes, organism-specific biosystem; Loss of proteins required for interphase microtubule organization??from the centrosome, organism-specific biosystem; Mitotic G2-G2/M phases, organism-specific biosystem; |
| Function | protein binding |

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