

Recombinant Full Length Human CEP55 Protein, GST-tagged

Cat. No. CEP55-1682HF Lot. No. (See product label)

SPECIFICATION

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Human C10orf3 full-length ORF (AAH08947, 1 a.a. - 464 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 464 amino acids |
| Description | Enables identical protein binding activity. Involved in cranial skeletal system development; establishment of protein localization; and midbody abscission. Acts upstream of or within mitotic cytokinesis. Located in Flemming body; centriolar satellite; and plasma membrane. Implicated in multinucleated neurons, anhydramnios, renal dysplasia, cerebellar hypoplasia and hydranencephaly. |
| Molecular Mass | 76.78 kDa |
| AA Sequence | MSSRSTKDLI KSKWGSKPSN SKSETTLEKL KGEIAHLKAS VDEITSGK GK LTDKERHRLLEKIRVLEAEK EKNAYQLTEK DKEIQRLRDQ LKARYSTTAL LEQLEETTRE GERREQVLKA LSEEKDVLLKQ QLSAATSRIA ELESKTNTLR LSQTVAPNCF NSSINNIHEM EIQLKDALEK NQQWLVDYDQQ REVYVKGLLA KIFELEKKTE TAAHSLPQQT KKPESSEGYLQ EEKQKCYNDL LASAKKDLEV ERQTITQLSF ELSEFRRKYE ETQKEVHNLN QLLYSQRRAD VQHLEDDRHK TEKIQLREE NDIARGKLEE EKKRSEELLS QVQFLYTSLL KQQEEQTRVA LLEQQMQACT LDFENEKLDL QHVQHQLLVI LKELRKARNQ ITQLESKQL |

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HEFAITEPLV TFQGETENRE KVAASPKSPT AALNESLVEC PKCNIQYPAT
EHRDLLVHVE YCSK

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 CEP55 centrosomal protein 55kDa [Homo sapiens]

Official Symbol CEP55

Synonyms CEP55; centrosomal protein 55kDa; C10orf3, chromosome 10 open reading frame 3; centrosomal protein of 55 kDa; cancer/testis antigen 111; CT111; FLJ10540; up-regulated in colon cancer 6; URCC6; C10orf3

Gene ID 55165

mRNA Refseq NM_001127182

Protein Refseq NP_001120654

MIM 610000

UniProt ID Q53EZ4

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