

Recombinant Human CABYR Protein, GST-Tagged

Cat. No. CABYR-0262H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CABYR full-length ORF (NP_619585.1, 1 a.a. - 379 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	To reach fertilization competence, spermatozoa undergo a series of morphological and molecular maturational processes, termed capacitation, involving protein tyrosine phosphorylation and increased intracellular calcium. The protein encoded by this gene localizes to the principal piece of the sperm flagellum in association with the fibrous sheath and exhibits calcium-binding when phosphorylated during capacitation. A pseudogene on chromosome 3 has been identified for this gene. Alternatively spliced transcript variants encoding distinct protein isoforms have been found for this gene. [provided by RefSeq, Jul 2013]
Molecular Mass	67.5 kDa
AA Sequence	MISSKPRLVVPYGLKTLLEGISRAVLKTNPSNINQFAAAYFQELTMYRGNTTMDIKDL VKQFHQIKVEKWSEGTPQKKLECLKEPGKTSVESKVPTQMEKSTDTDEDNVTRTE YSDKTTQFPSVYAVPGTEQTEAVGGLSSKPATPKTTTPSSPPPTAVSPEFAYVPAD PAQLAAQMLAMATSERGQPPPCSNMWTLYCLTDKNQQGHPSPPPAPGPFQATLY LPNPKDPQFQQHPPKVTFTYVMGDTKKTSAPPFILVGSNVQEAQGWKPLPGHAVV SQSDVLRVYVAMQVPIAVPADEKYQKHTLSPQANPPSGQDVPRPKSPVFLSVAFPV

 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

EDVAKKSSGSGDKCAPFGSYGIAGEVTVTTAHKRRKAETEN

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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

CABYR calcium binding tyrosine phosphorylation regulated [Homo sapiens (human)]

Official Symbol

CABYR

Synonyms

CABYR; calcium binding tyrosine phosphorylation regulated; CT88; FSP2; CBP86; FSP-2; CABYRa; CABYRc; CABYRe; CABYRc/d; calcium-binding tyrosine phosphorylation-regulated protein; calcium binding tyrosine-(Y)-phosphorylation regulated (fibrousheathin 2); calcium-binding protein 86; cancer/testis antigen 88; fibrousheathin II; fibrousheathin-2; testis tissue sperm-binding protein Li 84P; testis-specific calcium-binding protein CBP86; Calcium Binding Tyrosine Phosphorylation Regulated; Cancer/Testis Antigen 88; Testis-Specific Calcium-Binding Protein CBP86; Calcium-Binding Protein 86; Fibrousheathin II; Fibrousheathin-2; Calcium Binding Tyrosine-(Y)-Phosphorylation Regulated (Fibrousheathin 2); Calcium-Binding Tyrosine Phosphorylation-Regulated Protein; Calcium Binding Tyrosine-(Y)-Phosphorylation Regulated; Testis Tissue Sperm-Binding Protein Li 84P; Fibrousheathin 2

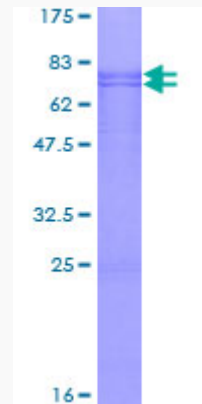
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	26256
mRNA Refseq	NM_001308231
Protein Refseq	NP_001295160
MIM	612135
UniProt ID	O75952

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

 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