

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 VKQFHQIKVEKWSEGTPQKKLECLKEPGKTSVESKVPTQMEKSTDDEDNVTRTE YSDKTTQFPSVYAVPGTEQTEAVGGLSSKPATPKTTTPSSPPPTAVSPEFAYVPAD PAQLAAQMLAMATSERGQPPPCSNMWTLYCLTDKNQQGHPSPPPAPGPFPPQATLY LPNPKDPQFQQHPPKVTFPTYVMGDTKKTSAPPFILVGSNVQEAQGWKPLPGHAVV 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

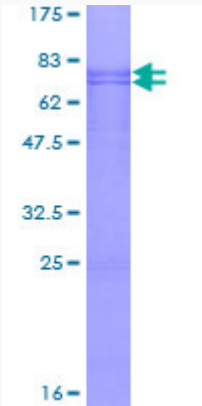
Synonyms

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

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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.