

Recombinant Full Length Human ACRBP Protein, GST-tagged

Cat. No. ACRBP-811HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ACRBP full-length ORF (NP_115878.2, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	543 amino acids
Description	<p>The protein encoded by this gene is similar to proacrosin binding protein sp32 precursor found in mouse, guinea pig, and pig. This protein is located in the sperm acrosome and is thought to function as a binding protein to proacrosin for packaging and condensation of the acrosin zymogen in the acrosomal matrix. This protein is a member of the cancer/testis family of antigens and it is found to be immunogenic. In normal tissues, this mRNA is expressed only in testis, whereas it is detected in a range of different tumor types such as bladder, breast, lung, liver, and colon. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	87.8 kDa
AA Sequence	<p>MRKPAAGFLP SLLKVLLLPL APAAAQDSTQ ASTPGSPLSP TEYERFFALL TPTWKAETTC RLRATHGCRN PTLVQLDQYE NHGLVPDGAV CSNLPYASWF ESFCQFTHYR CSNHVYYAKR VLCSQPVSIL SPNTLKEIEA SAEVSPTTMT SPISPHFTVT ERQTFQPWPE RLSNNVEELL QSSLSLGGQE QAPEHKQEQQ VEHRQEPTQE HKQEEGQKQE EQEEEQEEEG KQEEGQGTKE GREAVSQLQT</p>

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DSEPKFHSES LSSNPSSFAP RVREVESTPM IMENIQELIR SAQEIDEMNE
 IYDENSYWRN QNPGSLLQLP HTEALLVLCY SIVENTCIIT PTAKAWKYME
 EEILGFGKSV CDSLGRRHMS TCALCDFCSL KLEQCHSEAS LQRQQCDTSH
 KTPFVSPLLA SQLSIGNQV GSPESGRFYG LDLYGGLHMD FWCARLATKG
 CEDVRVSGWL QTEFLSFQDG DFPTKICDTD YIQYPNYCSF KSQQCLMRNR
 NRKVSRRMCL QNETYSALSP GKSEDEVVLRW SQEFSTLTG QFG

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	ACRBP acrosin binding protein [Homo sapiens]
Official Symbol	ACRBP
Synonyms	ACRBP; acrosin binding protein; acrosin-binding protein; cancer/testis antigen 23; CT23; OY TES 1; proacrosin binding protein sp32; SP32; cancer/testis antigen OY-TES-1; OY-TES-1; FLJ51160
Gene ID	84519
mRNA Refseq	NM_032489
Protein Refseq	NP_115878

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MIM	608352
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UniProt ID	Q8NEB7
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