

Recombinant Human ACRBP Protein, GST-Tagged

Cat. No. ACRBP-187H **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	Wheat Germ
Description	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]
Molecular Mass	87.8 kDa
AA Sequence	MRKPAAGFLPSLLKVLPLAPAAAQDSTQASTPGSPLSPTEYERFFALLTPTWKAE TTCRLRATHGCRNPTLVQLDQYENHGLVPDGAVCSNLPYASWFESFCQFTHYRCS NHVYYAKRVLCSQPVSILSPNTLKEIEASAEVSPTTMTSPISPHFTVTERQTFQPWPE RLSNNVEELLQSSLSLGGQEQAPEHKQEQGVEHRQEPTQEHKQEEGQKQEEQEE EQEEEGKQEEGQGTKEGREAVSQLQTDSEPKFHSESLSSNPSSFAPRVREVESTP MIMENIQELIRSAQEIDEMNEIYDENSYWRNQNP GSLLQLPHTTEALLVLCYSIVENTCI

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ITPTAKAWKYMEEEEILGFGKSVCDLGRRHMSTCALCDFCSLKLEQCHSEASLQRQ
 QCDTSHKTPFVSPLLASQSLSIGNQVGSPESGRFYGLDLYGGLHMDFWCARLATKG
 CEDVRVSGWLQTEFLSFQDGDFTKICDTDYIQYPNYCSFKSQQCLMRNRNRKVSR
 MRCLQNETYSALSPGKSEDVVLRWSQEFSTLTGQFG

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 [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](#)

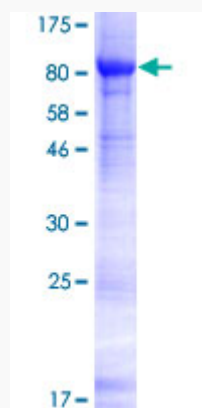
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MIM 608352

UniProt ID Q8NEB7



12.5% SDS-PAGE Stained with Coomassie Blue.

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