



# Recombinant Human Acrosin-binding protein (ACRBP)

<b>Product Code</b>	CSB-EP847695HU-B
<b>Abbreviation</b>	ACRBP
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8NEB7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QDSTQ ASTPGSPLSP TEYERFFALL TPTWKAETTC RLRATHGCRN PTLVQLDQYE NHGLVPDGAV CSNLPYASWF ESFCQFTHYR CSNHVYYAKR VLCSQPVSIL SPNTLKEIEA SAEVSPTTMT SPISPHFTVT ERQTFQPWPE RLSNNVEELL QSSLSLGGQE QAPEHKQEQG VEHRQEPTQE HKQEEGQKQE EQEEEQEEEG KQEEGQGKE GREAVSQLQT DSEPKFHSES LSSNPSSFAP RVREVESTPM IMENIQELIR SAQEIDEMNE IYDENSYWRN QNPGSLLQLP HTEALLVLCY SIVENTCIIT PTAKAWKYME EELGFGKSV CDSLGRRHMS TCALCDFCSL KLEQCHSEAS LQRQQCDTSH KTPFVSPLLA SQSLSIGNQV GSPESGRFYG LDLYGGLHMD FWCARLATKG CEDVRVSGWL QTEFLSFQDG DFPTKICDTD YIQYPNYCSF KSQQCLMRNR NRKVSRMRCL QNETYSALSP GKSEDVVLRW SQEFSTLTG QFG
<b>Source</b>	E.coli
<b>Target Names</b>	ACRBP
<b>Protein Names</b>	Recommended name: Acrosin-binding protein Alternative name(s): Cancer/testis antigen 23 Short name= CT23 Cancer/testis antigen OY-TES-1 Proacrosin-binding protein sp32
<b>Expression Region</b>	26-543
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein 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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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