

## Recombinant Human ACRBP protein, GST-tagged

Cat. No. ACRBP-1453H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ACRBP protein(244-543 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 244-543 aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**AA Sequence**

AVSQLQTDSEPKFHSESLSSNPSSFAPRVREVESTPMIMENIQELIRSAQEIDEMNEI  
 YDENSYWRNQNPGLQLPHTTEALLVLCYSIVENTCIITPTAKAWKYMEEEILGFGKS  
 VCDSLGRHRMSTCALCDFCSLKLEQCHSEASLQRQQCDTSHKTPFVSPLLASQSLS  
 IGNQVGSPESGRFYGLDLYGGLHMDFWCARLATKGCEDVRVSGWLQTEFLSFQDG  
 DFPTKICDTDYIQYPNYCSFKSQQCLMRNRNRKVSRRMCLQNETYSALSPGKSEDV  
 VLRWSQEFSTLTGQFG

**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](#)

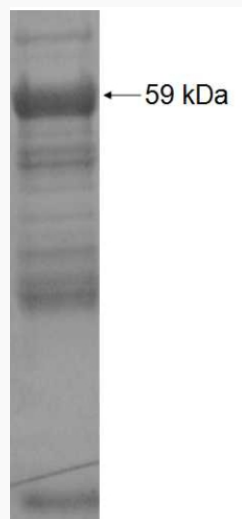
**MIM** [608352](#)

**UniProt ID** [Q8NEB7](#)

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**SDS-PAGE**

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