

## Recombinant Human AKAP8 protein, His&Myc-tagged

**Cat. No.** AKAP8-633H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human AKAP8 protein(O43823)(1-210aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-210a.a.                                                                                                                                                                                                                                        |
| <b>Tag</b>              | His&Myc                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.               |
| <b>Molecular Mass</b>   | 30.1 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | 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 |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

MDQGYGGYGAW SAGPANTQGAYGTG VASWQGYENYNYYGAQNTSVTTGATYSY  
GPASWEAAKANDGGLAAGAPAMHMASYGPEPCTDNSDSLIAKINQRLDMMSKEGG  
RGGSGGGGEGIQDRESSFRFQPFESYDSRPCLPEHNPYRPSYSYDYEFDLGSDRN  
GSFGGQYSECRDPARERGS LDGFM RGRGQG RFQDRSNPGTFMRSDPF

**GENE INFORMATION**

**Gene Name** [AKAP8 A kinase \(PRKA\) anchor protein 8 \[ Homo sapiens \]](#)

**Official Symbol** [AKAP8](#)

**Synonyms**

AKAP8; A kinase (PRKA) anchor protein 8; A-kinase anchor protein 8; A kinase anchor protein; 95kDa; AKAP95; DKFZp586B1222; A-kinase anchor protein, 95kDa; AKAP-8; AKAP 95; AKAP-95;

**Gene ID** [10270](#)

**mRNA Refseq** [NM\\_005858](#)

**Protein Refseq** [NP\\_005849](#)

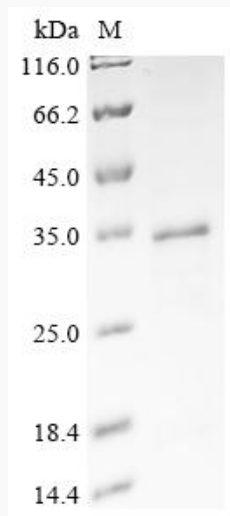
**MIM** [604692](#)

**UniProt ID** [O43823](#)

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**SDS-PAGE**

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