

## Recombinant Mouse Celf6 Protein, Myc/DDK-tagged

**Cat. No.** Celf6-2102M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Purified recombinant protein of mouse full-length CUGBP, Elav-like family member 6 (Celf6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | RNA-binding protein implicated in the regulation of pre-mRNA alternative splicing. Mediates exon inclusion and/or exclusion in pre-mRNA that are subject to tissue-specific and developmentally regulated alternative splicing. Specifically activates exon 5 inclusion of TNNT2 in a muscle-specific splicing enhancer (MSE)-dependent manner. Promotes also exon exclusion of INSR pre-mRNA. |
| <b>Molecular Mass</b>   | 48.2 kDa                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                    |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                          |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Celf6 CUGBP, Elav-like family member 6 [ Mus musculus (house mouse) ]                                                                                                                                                                      |
| Official Symbol | Celf6                                                                                                                                                                                                                                      |
| Synonyms        | Celf6; CUGBP, Elav-like family member 6; Bru; Brunol6; 6330569O16Rik; CUGBP Elav-like family member 6; CUG-BP- and ETR-3-like factor 6; RNA-binding protein BRUNOL-6; bruno-like 6, RNA binding protein; bruno-like protein 6; EC 3.2.1.52 |
| Gene ID         | 76183                                                                                                                                                                                                                                      |
| mRNA Refseq     | NM_175235                                                                                                                                                                                                                                  |
| Protein Refseq  | NP_780444                                                                                                                                                                                                                                  |
| UniProt ID      | Q7TN33                                                                                                                                                                                                                                     |

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