

# Recombinant Human BRUNOL4, GST-tagged

**Cat. No.** BRUNOL4-10299H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Product Overview</b> | Recombinant Human BRUNOL4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 23-268a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                                                                                                         |

## GENE INFORMATION

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| <b>Gene Name</b> | CELF4 CUGBP, Elav-like family member 4 [ Homo sapiens ] |
|------------------|---------------------------------------------------------|

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| <b>Official Symbol</b>     | CELF4                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>            | CELF4; CUGBP, Elav-like family member 4; Bruno (Drosophila) like 4, RNA binding protein , bruno like 4, RNA binding protein (Drosophila) , BRUNOL4; CUGBP Elav-like family member 4; CELF-4; bruno-like protein 4; RNA-binding protein BRUNOL4; RNA-binding protein BRUNOL-4; LYST-interacting protein LIP9; CUG-BP and ETR-3 like factor 4; CUG-BP- and ETR-3-like factor 4; bruno-like 4, RNA binding protein; Bruno -like 4, RNA binding protein; BRUNOL4; BRUNOL-4; |
| <b>Gene ID</b>             | 56853                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | NM_001025087                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | NP_001020258                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>                 | 612679                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>          | Q9BZC1                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Chromosome Location</b> | 18q12                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Pathway</b>             | mRNA processing, organism-specific biosystem;                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>            | BRE binding; nucleotide binding; translation repressor activity, nucleic acid binding;                                                                                                                                                                                                                                                                                                                                                                                  |