

## Recombinant Rat Als2, His-tagged

**Cat. No.** Als2-3402R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alsin (Als2), partial                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1651                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                              |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                          |
| <b>Notes</b>            | Small volumes of Als2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                      |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                   |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Als2 amyotrophic lateral sclerosis 2 (juvenile) homolog (human) [ Rattus norvegicus ]                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b> | Als2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | ALS2; amyotrophic lateral sclerosis 2 (juvenile) homolog (human); alsin; amyotrophic lateral sclerosis 2 protein homolog; amyotrophic lateral sclerosis protein 2 homolog;                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene ID</b>         | 363235                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001013413                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_001013431                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Pathway</b>         | Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem;                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>        | Rab GTPase binding; Rab GTPase binding; Rab guanyl-nucleotide exchange factor activity; Rab guanyl-nucleotide exchange factor activity; Rac guanyl-nucleotide exchange factor activity; Rac guanyl-nucleotide exchange factor activity; contributes_to guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; molecular_function; protein homodimerization activity; protein homodimerization activity; protein serine/threonine kinase activator activity; protein serine/threonine kinase activator activity; |

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