

## Recombinant Mouse Ankrd13b Protein, Myc/DDK-tagged

**Cat. No.** Ankrd13b-1629M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length ankyrin repeat domain 13b (Ankrd13b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                               |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | Ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin. Does not bind 'Lys-48'-linked ubiquitin. Positively regulates the internalization of ligand-activated EGFR by binding to the Ub moiety of ubiquitinated EGFR at the cell membrane. |
| <b>Molecular Mass</b>   | 77.1 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       | Ankrd13b ankyrin repeat domain 13b [ Mus musculus (house mouse) ]                                          |
| Official Symbol | Ankrd13b                                                                                                   |
| Synonyms        | Ankrd13b; ankyrin repeat domain 13b; AW124583; B930093C12Rik; ankyrin repeat domain-containing protein 13B |
| Gene ID         | 268445                                                                                                     |
| mRNA Refseq     | NM_172945                                                                                                  |
| Protein Refseq  | NP_766533                                                                                                  |
| UniProt ID      | Q5F259                                                                                                     |

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