

# Recombinant Mouse Faap24 Protein, MYC/DDK-tagged

**Cat. No.** Faap24-192M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse Fanconi anemia core complex associated protein 24 (Faap24), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | Plays a role in DNA repair through recruitment of the FA core complex to damaged DNA. Regulates FANCD2 monoubiquitination upon DNA damage. Induces chromosomal instability as well as hypersensitivity to DNA cross-linking agents, when repressed. Targets FANCM/FAAP24 complex to the DNA, preferentially to single strand DNA. |
| <b>Molecular Mass</b>   | 25.1 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 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                  |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Faap24 Fanconi anemia core complex associated protein 24 [ Mus musculus (house mouse) ]

**Official Symbol** Faap24

**Synonyms** Faap24; Fanconi anemia core complex associated protein 24; AW124591; AW538696; C230052I12Rik; Fanconi anemia core complex-associated protein 24; Fanconi anemia-associated protein, 24 kDa; fanconi anemia-associated protein of 24 kDa

**Gene ID** 101831

**mRNA Refseq** NM\_178643

**Protein Refseq** NP\_848758

**UniProt ID** Q8BHL6

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