

Product datasheet for TP502522

Faap24 (NM_178643) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse Fanconi anemia core complex associated protein 24 (Faap24), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR202522 representing NM_178643 Red =Cloning site Green =Tags(s) |
| | MERNPPDGTGPVHVPLGHIVASEKWRGSQLAQEMQGVRLIFEGLASADFYLSKSCILYVTEADLVAG HGVRKRLARFRNSSHLQGIIVEKTQMSEQYFPAVQKFTVLDLGMVLLPVASQSEASCLIIHLVQEQTRE PSKNPFLRKKRSMLESLVQTVQQIPGVGKVKAPLLLQKFPSIQQLSNASVQELEEVGPAAAQQIHTE FTQPKRQQPRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-MYC/DDK |
| Predicted MW: | 25.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_848758 |
| Locus ID: | 101831 |
| UniProt ID: | Q8BHL6 |
| RefSeq Size: | 1788 |



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Cytogenetics: 7 B2

RefSeq ORF: 663

Synonyms: AW124591; AW538696; C230052I12Rik

Summary: 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 (By similarity). [UniProtKB/Swiss-Prot Function]