

## Recombinant Human DAP3 protein(49-398 aa), GST-tagged

**Cat. No.** DAP3-11824H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Recombinant Human DAP3 protein(49-398 aa)(P51398), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 49-398 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 8.5, 5% trehalose, 5% mannitol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 66 kDa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AASequence</b>       | MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY<br>YIDGDVKLTQSMAIIRYIADKHNMMLGGCPKERAIEISMLEGAVLDIRYGVSR IAYSKDFE<br>TLKVDFLSKLP EMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA<br>FPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKSDLVPRGSSRT<br>NENDPAKHGDQHEGQHYNISPQDLETVPFHGLPPRFVMQVKTFSEACLMVRKPAL<br>ELLHYLKNTSFAYPAIRYLLYGEKGTGKTL SLCHVIHFCAKQDWLILHIPDAHLWVKN<br>CRDLLQSSYNKQRFDQPLEASTWLKNFKTTNERFLNQIKVQEKYVWNKRESTEKGS<br>PLGEVVEQGITRVRNATDAVGIVL KELKRQSSLGMFHLLVAVDGINALWGRTTLKRE<br>DKSPIAPEELALVHNL RKMMKNDWHGGAIVSALSQTGSLFKPRKAYLPQELLGKEGF<br>DALDPFIPILVSNNPK EFESCIQYYLENNWLQHEKAPTEEGKKELLFLSNANPSLLE<br>RHCAYL |

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|                       |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>      | <1.0EU per 1g (determined by the LAL method).                                                                                                                                   |
| <b>Purity</b>         | > 85 % as determined by SDS-PAGE.                                                                                                                                               |
| <b>Storage</b>        | Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                    |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.165 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DAP3 death associated protein 3 [ Homo sapiens ]                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | DAP3                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | DAP3; death associated protein 3; 28S ribosomal protein S29, mitochondrial; bMRP 10; DAP 3; DKFZp686G12159; MGC126058; MGC126059; mitochondrial 28S ribosomal protein S29; MRP S29; MRPS29; S29mt; death-associated protein 3; ionizing radiation resistance conferring protein; DAP-3; MRP-S29; bMRP-10; FLJ12817; |
| <b>Gene ID</b>         | 7818                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_001199849                                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_001186778                                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>             | 602074                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | P51398                                                                                                                                                                                                                                                                                                              |

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