

## Product datasheet for **TP321935**

### **MBD3L2 (NM\_144614) Human Recombinant Protein**

#### Product data:

|                                       |                                                                                                                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                                                                                                                                                                         |
| Description:                          | Recombinant protein of human methyl-CpG binding domain protein 3-like 2 (MBD3L2), 20 µg                                                                                                                                                                                      |
| Species:                              | Human                                                                                                                                                                                                                                                                        |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                      |
| Expression cDNA Clone or AA Sequence: | >RC221935 representing NM_144614<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                                                                                                                                                                                           |
|                                       | <p>MGEPAFTSFPSLPVLGKLKRNMPWALQKKREIHMAKAHRRRAARSALPMRLTSCIFRRPVTRIRSHPDN<br/>QVRRRKGDHLEKPQQLCAYRRLQALQPCSSQEGGSSPLHLESVLSILAPGTAGESLDRAGAERVRSPL<br/>PTPGRFPAVAGGPTPGMGCQLPPPLSGQLVTPADIRRQARRVKKARERLAKALQADRLARRAEMLTGG</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK                                                                                                                                                                                                                                                                    |
| Predicted MW:                         | 22.8 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                                                                                                                                                                                                                         |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                                                                                                                                             |
| 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.                                                                                                                                                                                                                                                              |
| 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:                               | <u><a href="#">NP_653215</a></u>                                                                                                                                                                                                                                             |
| Locus ID:                             | 125997                                                                                                                                                                                                                                                                       |
| UniProt ID:                           | <u><a href="#">Q8NHZ7</a></u>                                                                                                                                                                                                                                                |
| RefSeq Size:                          | 777                                                                                                                                                                                                                                                                          |



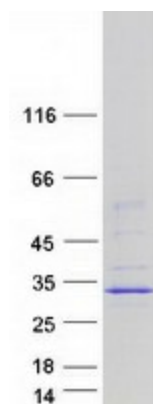
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Cytogenetics: 19p13.2

RefSeq ORF: 624

Summary: This gene encodes a protein that is related to methyl-CpG-binding proteins but lacks the methyl-CpG binding domain. The protein has been found in germ cell tumors and some somatic tissues. [provided by RefSeq, Jul 2008]

## Product images:



Coomassie blue staining of purified MBD3L2 protein (Cat# TP321935). The protein was produced from HEK293T cells transfected with MBD3L2 cDNA clone (Cat# [RC221935]) using MegaTran 2.0 (Cat# [TT210002]).