

## Product datasheet for PH315809

### TIGD6 (NM\_030953) Human Mass Spec Standard

#### Product data:

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                |
| Description:                          | TIGD6 MS Standard C13 and N15-labeled recombinant protein (NP_112215)                                                              |
| Species:                              | Human                                                                                                                              |
| Expression Host:                      | HEK293                                                                                                                             |
| Expression cDNA Clone or AA Sequence: | RC215809                                                                                                                           |
| Predicted MW:                         | 58.7 kDa                                                                                                                           |
| Protein Sequence:                     | >RC215809 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) |

MANKGNKKRRQFSLEEKMKVVGAVDSGKRKGDVAKEFGITPSTLSTFLKDRTKFEEKVREASVGPQRKRM  
 RSALYDDIDKAVFAWFQEIHAKNILVTGVSIRKKALNLNMLGYDNFQASVGWLNFRDRHGIALKAVCR  
 ESDRLMNLGIDKINWEHAGEIIKLIADYSPDDIFNADETGVEFQLLPQHTLAAKGDHCRGGKKAKQRL  
 TALFCCNASGTEKMRPLIVGRSASPHCLKNIHSLPCDYRANQWAWMTRDLFNEWLMQVDARMKRAERRIL  
 LLIDNCSAHNMLPHLERIQVGYLPSNCTAVLQPLNLGIIHTMKVLYRSHLLKQILLKLNSSDQEEVDIK  
 QAIDMIAAAWWSVKPSTVVKCWQKAGIVPMEFAECDTESAASEPDIAIEKLWHTVAIATCVPNEVNFQDF  
 VTADDDLIISQDIDIQDMVAGENTSEAGSEDEGEVSLPEQPKVTITEAISSVQKLRLSTCVDIPDAI  
 FGQLNGIDEYLMKRVTTQLIDSKITDFLQTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                  |                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag:             | C-Myc/DDK                                                                                                                                                                |
| Purity:          | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                              |
| Concentration:   | >0.05 µg/µL as determined by microplate BCA method                                                                                                                       |
| Labeling Method: | Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine |
| Buffer:          | 25 mM Tris-HCl, 100 mM glycine, pH 7.3                                                                                                                                   |
| Storage:         | Store at -80°C. Avoid repeated freeze-thaw cycles.                                                                                                                       |
| Stability:       | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                               |
| RefSeq:          | <u><a href="#">NP_112215</a></u>                                                                                                                                         |
| RefSeq Size:     | 4001                                                                                                                                                                     |
| RefSeq ORF:      | 1563                                                                                                                                                                     |


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**Locus ID:** 81789

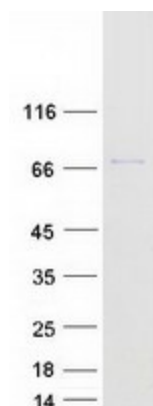
**UniProt ID:** [Q17RP2](#)

**Cytogenetics:** 5q32

**Summary:** The protein encoded by this gene belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. [provided by RefSeq, Oct 2009]

**Protein Families:** Transcription Factors

## Product images:



Coomassie blue staining of purified TIGD6 protein (Cat# [TP315809]). The protein was produced from HEK293T cells transfected with TIGD6 cDNA clone (Cat# [RC215809]) using MegaTran 2.0 (Cat# [TT210002]).