

## Product datasheet for TP304203

### DPH3 (NM\_206831) Human Recombinant Protein

#### Product data:

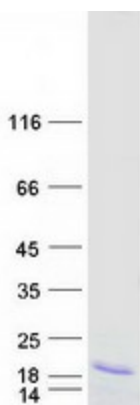
|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human DPH3, KTI11 homolog ( <i>S. cerevisiae</i> ) (DPH3), transcript variant 1, 20 µg   |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC204203 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MAVFNHDEVEIEDFQYDEDESETYFYPCPCGDNFSITKEDLENGEDVATCPSCSLIIKVIYDKDQFVCGETV<br>PAPSANKELVKC<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 9.1 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  |
| 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:                               | <a href="#">NP_996662</a>   |
| Locus ID:                             | 285381  |
| UniProt ID:                           | <a href="#">Q96FX2</a>  |
| RefSeq Size:                          | 4065  |



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|               |   |
|---------------|---|
| Cytogenetics: | 3p25.1  |
| RefSeq ORF:   | 246   |
| Synonyms:     | DELGIP; DELGIP1; DESR1; DPH3A; KTI11; ZCSL2   |
| Summary:      | This gene encodes a CSL zinc finger-containing protein that is required for diphthamide biosynthesis. The encoded protein is necessary for the initial step in the modification of a histidine residue in elongation factor-2 to diphthamide. This modified residue is a target for ADP ribosylation by the bacterial toxins diphtheria toxin and Pseudomonas exotoxin A. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq, Feb 2009] |

### Product images:



Coomassie blue staining of purified DPH3 protein (Cat# TP304203). The protein was produced from HEK293T cells transfected with DPH3 cDNA clone (Cat# [RC204203]) using MegaTran 2.0 (Cat# [TT210002]).