

Product datasheet for TP305217

KIAA1434 (GPCPD1) (NM_019593) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human hypothetical protein KIAA1434 (RP5-1022P6.2), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC205217 protein sequence Red=Cloning site Green=Tags(s) |

MTPSQVAFEIRGTLPLGGEVFAICGSCDALGNWNPQNAVALLPNDTGESMLWKATIVLSRGVSVQYRYFK
GYFLEPKTIGGPCQVIVHKWETHLQPRSITPLESEIIDDGQFGIHNGVETLD SGWLT CQTEIRLR LHYS
EKPPVSITKKKLKKSFRV KLTLEGLEEDDDDRVSPTVLHKMSNSLEISLSDNEFKRHSQPEGYGLQ
PDRWTEYSIQTMEDNLELIFDFEEDLSEHV VQGDALPGHVGTA CLLSSTIAESGKSAGIL TLPIMSRN
SRKTIGKVRVDYIIKPLPGYSCDMKSSFSKYWKPRIPLDVGHRGAGNSTTTAQLAKVQENTIASLRNAA
SHGA AFVEFDVHLSKDFVPVYHDLTCCLTMKKKFDADPVELFEIPVKELTFDQLQLLKLTHVTALKSKD
RKESV VQEENSFSENQPFPSLKMVLES LPEDVGFNIEIKWICQQRDGMWDGNLSTYFDMNLF DIIKTV
LENSGKRRIVFSSFDADICTMVRQKQNKYPILFLTQGKSEIYPELMDLRSRTPIAMSF AQFENLLGINV
HTEDLLRNPSYIQEAKAKGLVIFCWGDDTNDPENRRKLKELGVNGLIYDRIYDWMPEQPNIFQVEQLERL
KQELPELKSCLCPTVSRFVPSSLCGESDIHVDANGIDNVENA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

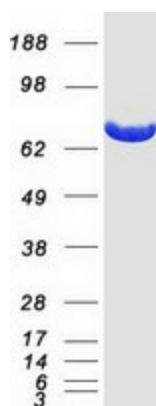
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 75.9 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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. |



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| 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_062539 |
| Locus ID: | 56261 |
| UniProt ID: | Q9NPB8 |
| RefSeq Size: | 5478 |
| Cytogenetics: | 20p12.3 |
| RefSeq ORF: | 2016 |
| Synonyms: | EDI3; GDE5; GPD6; PREI4 |
| Summary: | May be involved in the negative regulation of skeletal muscle differentiation, independently of its glycerophosphocholine phosphodiesterase activity.[UniProtKB/Swiss-Prot Function] |

Product images:



Coomassie blue staining of purified GPCPD1 protein (Cat# TP305217). The protein was produced from HEK293T cells transfected with GPCPD1 cDNA clone (Cat# [RC205217]) using MegaTran 2.0 (Cat# [TT210002]).