

Product datasheet for **TP320783M**

PGEA1 (CBY1) (NM_015373) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human chibby homolog 1 (Drosophila) (CBY1), transcript variant 1, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC220783 representing NM_015373 Red =Cloning site Green =Tags(s) |
| | MPFFGNTFSPKKTPPRKSASLSNLHSLDRSTREVELGLEYGSPMTMNLQSLKFENGQWIAETGVSGGVD RREVQRLRRRNQQLLEENLLRLKVDILLDMLSESTAESHLMEKELDELISRKRK |
| | SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 14.3 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: | NP_056188 |
| Locus ID: | 25776 |
| UniProt ID: | Q9Y3M2 , A0A024R1L9 |
| RefSeq Size: | 1147 |



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Cytogenetics: 22q13.1

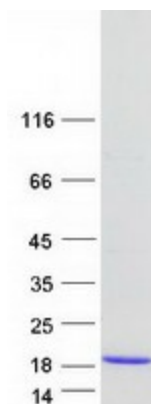
RefSeq ORF: 378

Synonyms: arb1; C22orf2; CBY; Chibby1; HS508I15A; PGEA1; PIGEA-14; PIGEA14

Summary: Beta-catenin is a transcriptional activator and oncoprotein involved in the development of several cancers. The protein encoded by this gene interacts directly with the C-terminal region of beta-catenin, inhibiting oncogenic beta-catenin-mediated transcriptional activation by competing with transcription factors for binding to beta-catenin. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified CBY1 protein (Cat# [TP320783]). The protein was produced from HEK293T cells transfected with CBY1 cDNA clone (Cat# [RC220783]) using MegaTran 2.0 (Cat# [TT210002]).