

Product datasheet for **TP320783**

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, 20 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:	<u>NP_056188</u>
Locus ID:	25776
UniProt ID:	<u>Q9Y3M2</u>
RefSeq Size:	1147



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Cytogenetics: 22q13.1

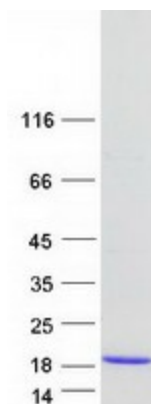
RefSeq ORF: 378

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]).