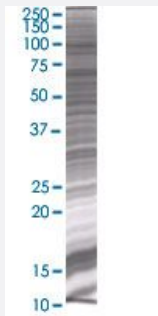


PGBD1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084547-T01

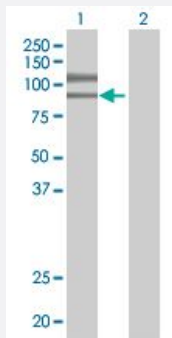
Size 100 uL

Applications



SDS-PAGE Gel

PGBD1 transfected lysate.



Western Blot

Lane 1: PGBD1 transfected lysate (89.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PGBD1 full-length
Host	Human
Theoretical MW (kDa)	89.1
Interspecies Antigen Sequence	Mouse (74)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PGBD1 antibody ([H00084547-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PGBD1 transfected lysate.
 Western Blot
 Lane 1: PGBD1 transfected lysate (89.1 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PGBD1

Entrez GeneID

[84547](#)

GeneBank Accession#

[NM_032507.2](#)

Protein Accession#

[NP_115896.1](#)

Gene Name

PGBD1

Gene Alias

HUCEP-4, SCAND4, dJ874C20.4

Gene Description

piggyBac transposable element derived 1

Gene Ontology

[Hyperlink](#)

Gene Summary

The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, *Trichoplusia ni*. This family also includes genes in several genomes, including human, that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. This gene product is specifically expressed in the brain, however, its exact function is not known. [provided by RefSeq]

Other Designations

OTTHUMP00000039508|cerebral protein-4

Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)