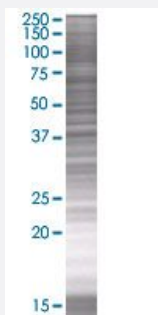


PRKACG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005568-T01

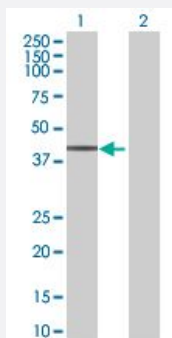
Size 100 uL

Applications



SDS-PAGE Gel

PRKACG transfected lysate.



Western Blot

Lane 1: PRKACG transfected lysate (38.72 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PRKACG full-length

Host Human

Theoretical MW (kDa) 38.72

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PRKACG antibody ([H00005568-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PRKACG transfected lysate.
 Western Blot
 Lane 1: PRKACG transfected lysate (38.72 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 — PRKACG

Entrez GeneID	5568
GeneBank Accession#	NM_002732.2
Protein Accession#	NP_002723.2
Gene Name	PRKACG
Gene Alias	KAPG, PKACg
Gene Description	protein kinase, cAMP-dependent, catalytic, gamma
Omim ID	176893
Gene Ontology	Hyperlink
Gene Summary	Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit. [provided by RefSeq]
Other Designations	OTTHUMP00000021422 PKA C-gamma serine(threonine) protein kinase

Pathway

- [Apoptosis](#)
- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)

- [GnRH signaling pathway](#)
- [Hedgehog signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Melanogenesis](#)
- [Olfactory transduction](#)
- [Prion diseases](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)
- [Vibrio cholerae infection](#)
- [Wnt signaling pathway](#)