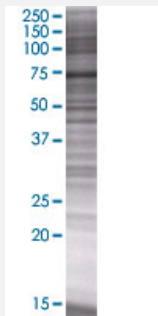


AK5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00026289-T01

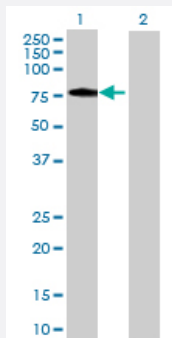
Size 100 uL

Applications



SDS-PAGE Gel

AK5 transfected lysate.



Western Blot

Lane 1: AK5 transfected lysate (59.07 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AK5 full-length
Host	Human
Theoretical MW (kDa)	59.07
Interspecies Antigen Sequence	Mouse (91); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-AK5 antibody ([H00026289-B01](#)) by Western Blots.
SDS-PAGE Gel
AK5 transfected lysate.
Western Blot
Lane 1: AK5 transfected lysate (59.07 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 — AK5

Entrez GeneID[26289](#)**GeneBank Accession#**[NM_012093.2](#)**Protein Accession#**[NP_036225.2](#)**Gene Name**

AK5

Gene Alias

AK6, MGC33326

Gene Description

adenylate kinase 5

Omim ID[608009](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

ATP-AMP transphosphorylase|OTTHUMP00000011354|OTTHUMP00000011355|adenylate kinase 6

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Tobacco Use Disorder](#)