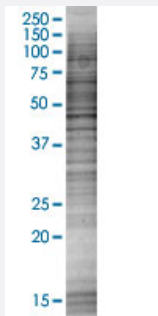


BACE1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023621-T01

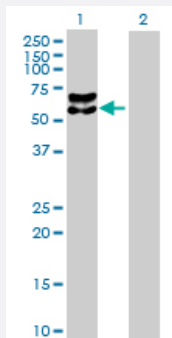
Size 100 uL

Applications



SDS-PAGE Gel

BACE1 transfected lysate.



Western Blot

Lane 1: BACE1 transfected lysate (52.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-BACE1 full-length
Host	Human
Theoretical MW (kDa)	52.9
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-BACE1 antibody ([H00023621-D01P](#)) by Western Blots.
SDS-PAGE Gel
BACE1 transfected lysate.
Western Blot
Lane 1: BACE1 transfected lysate (52.90 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 — BACE1

Entrez GeneID[23621](#)**GeneBank Accession#**[NM_138972](#)**Protein Accession#**[NP_620428.1](#)**Gene Name**

BACE1

Gene Alias

ASP2, BACE, FLJ90568, HSPC104, KIAA1149

Gene Description

beta-site APP-cleaving enzyme 1

Omim ID[604252](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein (APP) by two proteases, one of which is the protein encoded by this gene. The encoded protein, a member of the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease that is found mainly in the Golgi. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations

APP beta-secretase|aspartyl protease 2|beta-secretase|beta-site amyloid beta A4 precursor protein-cleaving enzyme|beta-site amyloid precursor protein cleaving enzyme|memapsin-2|membrane-associated aspartic protease 2|transmembrane aspartic proteinase Asp2

Disease

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