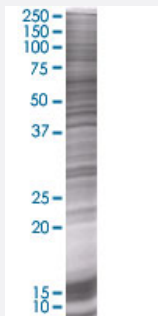


CES2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008824-T01

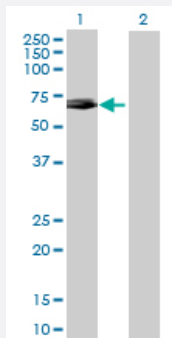
Size 100 uL

Applications



SDS-PAGE Gel

CES2 transfected lysate.



Western Blot

Lane 1: CES2 transfected lysate (68.64 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CES2 full-length
Host	Human
Theoretical MW (kDa)	68.64
Interspecies Antigen Sequence	Mouse (72); Rat (73)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CES2 antibody ([H00008824-B01](#)) by Western Blots.
SDS-PAGE Gel
CES2 transfected lysate.
Western Blot
Lane 1: CES2 transfected lysate (68.64 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 — CES2

Entrez GeneID[8824](#)**GeneBank Accession#**[NM_003869.4](#)**Protein Accession#**[NP_003860.2](#)**Gene Name**

CES2

Gene Alias

CE-2, CES2A1, PCE-2, iCE

Gene Description

carboxylesterase 2 (intestine, liver)

Omim ID[605278](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Carboxylesterase 2 is a member of a large multigene family. The enzymes encoded by these genes are responsible for the hydrolysis of ester- and amide-bond-containing drugs such as cocaine and heroin. They also hydrolyze long-chain fatty acid esters and thioesters. The specific function of this enzyme has not yet been determined; however, it is speculated that carboxylesterases may play a role in lipid metabolism and/or the blood-brain barrier system. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations

carboxylesterase 2|intestinal carboxylesterase; liver carboxylesterase-2

Pathway

- [Drug metabolism - other enzymes](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Tobacco Use Disorder](#)