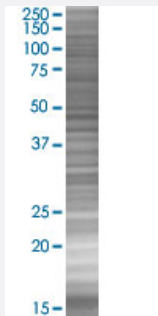


EXT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002131-T01

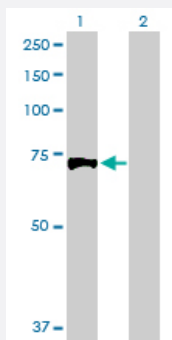
Size 100 uL

Applications



SDS-PAGE Gel

EXT1 transfected lysate.



Western Blot

Lane 1: EXT1 transfected lysate (86.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-EXT1 full-length
Host	Human
Theoretical MW (kDa)	86.3
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EXT1 antibody ([H00002131-D01P](#)) by Western Blots.
SDS-PAGE Gel
EXT1 transfected lysate.
Western Blot
Lane 1: EXT1 transfected lysate (86.30 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 — EXT1

Entrez GeneID

[2131](#)

GeneBank Accession#

[NM_000127](#)

Protein Accession#

[NP_000118.2](#)

Gene Name

EXT1

Gene Alias

EXT, LGCR, LGS, TRPS2, ttv

Gene Description

exostosin 1

Omim ID

[133700](#) [215300](#) [608177](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes an endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq]

Other Designations

Langer-Giedion syndrome chromosome region|N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase|OTTHUMP00000066043|exostosin 1|glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase

Pathway

- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Exostoses](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)