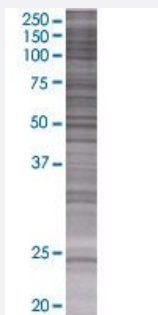


STARD4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00134429-T01

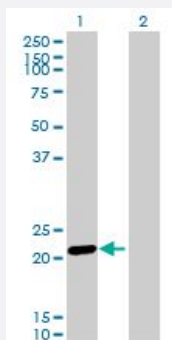
Size 100 uL

Applications



SDS-PAGE Gel

STARD4 transfected lysate.



Western Blot

Lane 1: STARD4 transfected lysate (23.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-STARD4 full-length

Host Human

Theoretical MW (kDa) 23.5

Quality Control Testing Transient overexpression cell lysate was tested with Anti-STARD4 antibody ([H00134429-B01](#)) by Western Blots.
SDS-PAGE Gel
STARD4 transfected lysate.
Western Blot
Lane 1: STARD4 transfected lysate (23.5 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 — STARD4

Entrez GeneID	134429
GeneBank Accession#	NM_139164
Protein Accession#	NP_631903.1
Gene Name	STARD4
Gene Alias	-
Gene Description	StAR-related lipid transfer (START) domain containing 4
Omim ID	607049
Gene Ontology	Hyperlink
Gene Summary	Cholesterol homeostasis is regulated, at least in part, by sterol regulatory element (SRE)-binding proteins (e.g., SREBP1; MIM 184756) and by liver X receptors (e.g., LXRA; MIM 602423). Upon sterol depletion, LXRs are inactive and SREBPs are cleaved, after which they bind promoter SREs and activate genes involved in cholesterol biosynthesis and uptake. Sterol transport is mediated by vesicles or by soluble protein carriers, such as steroidogenic acute regulatory protein (STAR; MIM 600617). STAR is homologous to a family of proteins containing a 200- to 210-amino acid STAR-related lipid transfer (START) domain, including STARD4 (Soccio et al., 2002 [PubMed 12011452]).[supplied by OMIM]
Other Designations	START domain containing 4 sterol-regulated START domain containing 4, sterol regulated

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Tobacco Use Disorder](#)