Recombinant Human STARD4 Protein, MYC/DDK-tagged

Cat. No. STARD4-2900H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STARD4 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	STARD4 START domain containing 4 [Homo sapiens]
Official Symbol	STARD4
Synonyms	4632419C16Rik; 9030213J02Rik; AA517649; AW324468; StAR-related lipid transfer protein 4; StAR-related lipid transfer (START) domain containing 4
Gene ID	154899
mRNA Refseq	NM_139164.2
Protein Refseq	NP_631903

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