Recombinant Human STAR Protein, MYC/DDK-tagged

Cat. No. STAR-2903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAR protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH. A pseudogene of this gene is located on chromosome 13.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	29.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	STAR steroidogenic acute regulatory protein [Homo sapiens]
Official Symbol	STAR
Synonyms	STARD1;StAR-related lipid transfer (START) domain containing 1; START domain containing 1; cholesterol trafficker; mitochondrial steroid acute regulatory protein; steroid acute regulatory protein; steroidogenic acute regulator; steroidogenic acute regula
Gene ID	6770
mRNA Refseq	NM_000349
Protein Refseq	NP_000340
MIM	600617
UniProt ID	P49675

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