

Recombinant Mouse Star Protein, Myc/DDK-tagged

Cat. No. Star-6162M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length steroidogenic acute regulatory protein (Star), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a key role in steroid hormone synthesis by enhancing the metabolism of cholesterol into pregnenolone. Transporter that binds to and transport cholesterol through the intermembrane space of the mitochondrion.
Molecular Mass	31.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Star steroidogenic acute regulatory protein [Mus musculus (house mouse)]
Official Symbol	Star
Synonyms	STAR; steroidogenic acute regulatory protein; steroidogenic acute regulatory protein, mitochondrial; stARD1; START domain-containing protein 1; luteinizing hormone-induced protein; AV363654; D8Erttd419e
Gene ID	20845
mRNA Refseq	NM_011485
Protein Refseq	NP_035615
UniProt ID	P51557

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