

## Product datasheet for **TP503861**

### Star (NM\_011485) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse steroidogenic acute regulatory protein (Star), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR203861 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MFLATFKLCAGSSYRHMNRNMKGLRHQAVLAIGQELNWRALGDSSPGWMGQVRRRSSLLGSQLEATLYSDQ  
ELSYIQQGEVAMQKALGILNNQEGWKKESQQENGDEVLSKMVPDVGKVFRLVVDQPMDRLYEELVDRM  
EAMGEWNPVNVEIKVLQRIGKDTVITHELAAAAAGNLVGPDRFVSVRCKRRGSTCVLAGMATHFGEMPE  
QSGVIRAEHGPTCMVLHPLAGSPSKTKLTWLLSIDLKGWLPKTIINQVLSQTQIEFANHLRKRLEASPAS  
EAQC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	31.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_035615</a>
Locus ID:	20845
UniProt ID:	<a href="#">P51557</a>



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RefSeq Size: 4007

Cytogenetics: 8 14.17 cM

RefSeq ORF: 855

Synonyms: AV363654; D8Ertd419e; stARD1

**Summary:** 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 (Probable).[UniProtKB/Swiss-Prot Function]