

## Product datasheet for **TP301335M**

### ISCA1 (NM\_030940) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human iron-sulfur cluster assembly 1 homolog ( <i>S. cerevisiae</i> ) (ISCA1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201335 protein sequence Red=Cloning site Green=Tags(s)

MSASLVRATVRAVSKRKLQPTRAALTLTPSAVNKIKQLLKDKPEHVGKVGVRTRGCGNLSYTTLEYTKTK  
GDSDEEVIQDGVRVFIKKAQLTLLGTEMDYVEDKLSSEFVFNPNPIKGTGCGGESFNI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

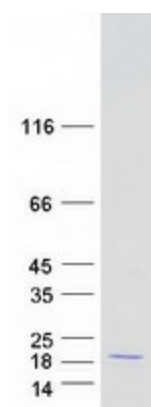
Tag:	C-Myc/DDK
Predicted MW:	14 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_112202</a>
Locus ID:	81689
UniProt ID:	<a href="#">Q9BUE6</a>
RefSeq Size:	2012



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Cytogenetics:	9q21.33
RefSeq ORF:	387
Synonyms:	HBLD2; hlscA; ISA1; MMDS5
Summary:	ISCA1 is a mitochondrial protein involved in the biogenesis and assembly of iron-sulfur clusters, which play a role in electron-transfer reactions (Cozar-Castellano et al., 2004 [PubMed 15262227]).[supplied by OMIM, Mar 2008]

### Product images:



Coomassie blue staining of purified ISCA1 protein (Cat# [TP301335]). The protein was produced from HEK293T cells transfected with ISCA1 cDNA clone (Cat# [RC201335]) using MegaTran 2.0 (Cat# [TT210002]).