

Datasheet for ABIN1095758

STARD7 Protein (AA 61-307, partial) (GST tag)[Go to Product page](#)**1** Image**3** Publications

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | STARD7 |
| Protein Characteristics: | AA 61-307, partial |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This STARD7 protein is labelled with GST tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | LWRR LHGRPG HASALMAALA GVFVWDEERI QEEELQRSIN EMKRLEEMSN MFQSSGVQHH PPEPKAQTEG NEDSEGKEQR WEMVMDKKHF KLWRRPITGT HLYQYRVFGT YTDVTPRQFF NVQLDTEYRK KWDALVIKLE VIERDVVSGS EVLHWVTHFP YPMYSRDYVY VRRYSVDQEN NMMVLVSRV EHPSPESPE FVRVRSYESQ MVIRPHKSF D ENGF D YLLTY SDNPQTVFPR YCVSWMV |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | 90 % |

Target Details

| | |
|---------|--------|
| Target: | STARD7 |
|---------|--------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | StAR-related lipid transfer protein 7, mitochondrial protein (STARD7 Products) |
| Molecular Weight: | 56.9 kD |
| UniProt: | Q9NQZ5 |

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

| | |
|------------------|---|
| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C for extended storage, conserve at -20 °C or -80 °C |

Publications

Product cited in: Burkard, Planyavsky, Kaupe, Breitwieser, Bürckstümmer, Bennett, Superti-Furga, Colinge: "Initial characterization of the human central proteome." in: **BMC systems biology**, Vol. 5, pp. 17, (2011) ([PubMed](#)).

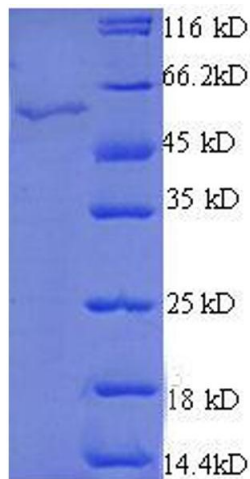
Durand, Angeletti, Genti-Raimondi: "GTT1/StarD7, a novel phosphatidylcholine transfer protein-

like highly expressed in gestational trophoblastic tumour: cloning and characterization." in:

Placenta, Vol. 25, Issue 1, pp. 37-44, (2004) ([PubMed](#)).

Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images



SDS-PAGE

Image 1. StAR-Related Lipid Transfer (START) Domain Containing 7 (STARD7) (AA 61-307), (partial) protein (GST tag)