

Datasheet for ABIN7559978
FITM1 Protein (AA 1-292) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | FITM1 |
| Protein Characteristics: | AA 1-292 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FITM1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|------------------|---|
| Purpose: | Custom-made recombinat Fitm1 Protein expressed in mammalien cells. |
| Sequence: | MERGPTVGAG LGAGTRVRAL LGCLVKVLLW VASALLYFGS EQAARLLGSP CLRRLYHAWL AAVVIFGPLL QFHVNSRTIF ASHGNFFNIK FVNSAWGWTC TFLGGFVLLV VFLATRRAV TARHLSRLVV GAAVWRGAGR AFLIEDLTG SCFEPLPQGL LLHELPDRKS CLAAGHQWRG YTVSSHTFLL TFCCLLMAEE AAVFAKYLAH GLPAGAPLRL VFLLNVLLLG LWNFLLCTV IYFHQYTHKV VAAVGTFAW YLTYGSWYHQ PWSPGIPGHG LFPRSRSMRK HN Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us. |
| Characteristics: | Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts. |

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

| | |
|---------|---|
| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
|---------|---|

| | |
|--------|-------------|
| Grade: | custom-made |
|--------|-------------|

Target Details

| | |
|---------|-------|
| Target: | FITM1 |
|---------|-------|

| | |
|-------------------|--|
| Alternative Name: | Fitm1 (FITM1 Products) |
|-------------------|--|

| | |
|-------------|---|
| Background: | Fat storage-inducing transmembrane protein 1 (Fat-inducing protein 1),FUNCTION: Plays an important role in the formation of lipid droplets (LDs) which are storage organelles at the center of lipid and energy homeostasis (PubMed:18160536, PubMed:22106267) (By similarity). Directly binds to diacylglycerol (DAGs) and triacylglycerol (PubMed:22106267) (By similarity). {ECO:0000255 HAMAP-Rule:MF_03229, ECO:0000269 PubMed:18160536, ECO:0000269 PubMed:22106267}. |
|-------------|---|

| | |
|-------------------|----------|
| Molecular Weight: | 32.3 kDa |
|-------------------|----------|

| | |
|----------|------------------------|
| UniProt: | Q91V79 |
|----------|------------------------|

Application Details

| | |
|--------------------|--|
| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
|--------------------|--|

| | |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

| | |
|------------------|--|
| Format: | Liquid |
| Buffer: | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. |
| Expiry Date: | 12 months |