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Datasheet for ABIN7557115
OGFOD1 Protein (AA 1-545) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | OGFOD1 |
| Protein Characteristics: | AA 1-545 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This OGFOD1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|--|
| Purpose: | Custom-made recombinat Ogfod1 Protein expressed in mammalien cells. |
| Sequence: | <p>MNGKRPADPG PARPMKKGKK QVSAEFSDAV TEEILRKQVA EAWSCRTPFS HEAIALDMDP FLHCVIPNFI QSQDFLEGLH KELLSLDFHE KYNDLYKFQQ SDDLKNRKEP HISALRKLMF EDFRWLKSV SGIDLEPTID MSCAKYEFTD ALLCHDDELE GRIIFILYL VPSWDRDLGG TLDLYDTDEH LQPKQIVKSL IPSWNKLVFF EVSPVSFHQV SEVLSEETSR LSISGWFYGP SLTRPPTYFE PPIPRNPHIP QDHEILYEWI NPAYLEMDYQ MQIQEEFEER SEILLKEFLK PEKFAEVCEA LEKGDVEWKS HGPPNKRFFE KAEENLPDV LKECMGLFRS EALFLLLSNL TGLKLHFLAP SEDDETEEKG EGETASAAAG TEEGTSRRPS GPENNQVAAG SHSQENGEQA DPEAQEEEEAK KESSVPMCQG ELRRWKTGHY TLVHDNTKTE FALDLFLYCG CEGWEPEYGG FTSYIAKGED EELLIVNPEN NSLALVYRDR ETLRFVKHIN HRSLEQSKAF PSRSGFWDFI FIYYE</p> <p>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.</p> |

Product Details

In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- 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:

OGFOD1

Alternative Name:

Ogfod1 ([OGFOD1 Products](#))

Background:

Prolyl 3-hydroxylase OGFOD1 (EC 1.14.11.-) (2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1) (uS12 prolyl 3-hydroxylase),FUNCTION: Prolyl 3-hydroxylase that catalyzes 3-hydroxylation of 'Pro-62' of small ribosomal subunit uS12 (RPS23), thereby regulating protein translation termination efficiency. Involved in stress granule formation. {ECO:0000250|UniProtKB:Q8N543}.

Molecular Weight:

62.7 kDa

UniProt:

[Q3U0K8](#)

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

Application Details

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