

Recombinant Methanothermobacter Marburgensis FNO Protein (1-224 aa), His-Myc-tagged

Cat. No. FNO-2486M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Methanothermobacter Marburgensis (strain ATCC BAA-927/DSM 2133/JCM 14651/NBRC 100331/OCM 82/Marburg) (Methanobacterium thermoautotrophicum) FNO Protein (1-224 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Methanothermobacter Marburgensis
Source	E.coli
ProteinLength	1-224 aa
Description	Catalyzes the reduction of NADP ⁺ with F420H ₂ via hydride transfer, and the reverse reaction, i.e. the reduction of F420 with NADPH. Probably functions in the regeneration of NADPH required in biosynthetic reactions.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	28.4 kDa
AA Sequence	MKIAVLGGTGDQGLGLALRLALAGEEVIIGSRDAEKAVSAAQKVLEIAERDDLKVKGA TNAEAAEEAEVAILTVPLQAQMATLGSVKEAIKGV LIDATVPIDSCLGGS AVRYIDLW DGSAAERAARFLEDQGTRVAAAFNNISASALLDITGPVDCDCCLIASDHRDALDLASEL AEKIDGVRAIDCGGLENARVIEKITPLLINLNINRIRNAGIRITNLPE

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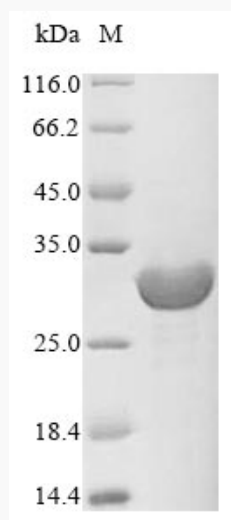
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	fno;
UniProt ID	D9PVP5



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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