

Recombinant Pyrococcus Horikoshii NADB Protein (1-464 aa), His-SUMO-Myc-tagged

Cat. No. NADB-2290P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pyrococcus Horikoshii (strain ATCC 700860/DSM 12428/JCM 9974/NBRC 100139 NADB Protein (1-464 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Pyrococcus Horikoshii
Source	E.coli
ProteinLength	1-464 aa
Description	Catalyzes the oxidation of L-aspartate to iminoaspartate.
Form	Tris-based buffer,50% glycerol
Molecular Mass	71.3 kDa
AA Sequence	MMEMRVGIVGGGLAGLTAAIALAEKGFVSIIGPRSTDSNSYLAQAGIALPLLEGDSI RIHVLDTIKAGKYINDEEIVWNVISKSSEAHDFLTSHGVTFTGNELEGGHSYPRIFTIKS ETGKHIIPILEKHARELDVNFIRGFVEEIGINNGKLAVFLQGELLKFDAVVIAAGGFSG LYRFTAGVKNNIGLLIGDVALKGVPLRDMFVQFHPTGFIGKRTYLITEAVRGAGAKL VTGDGERFVNELETRDIVARAIYMKMLEGKGVFLDARGIENFKDRFPYIYSVLRGEGI NPEKDLIPITPVAHYTIGGISVDAFYRTRIKGLYAIGESACNGFHGANRLASNSLLEC VSGLEVARTISREKPKREVNDAFYSFNELGDVDSIREVLWNHAGIVRDEWSLREGLR

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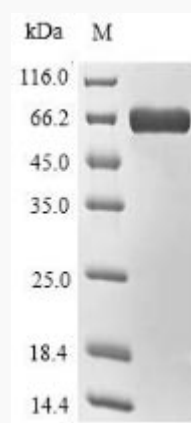
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	KLKEIEVDERLKLVAKAVIISALKREESRGAHYRKDYPFMRKEFEHSSFFYPNV
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to 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	nadB;
UniProt ID	O57765



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

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