

Recombinant human Visfatin protein ab50134

製品の詳細

製品名	Recombinant human Visfatin protein
生理活性	The ED ₅₀ was determined by the dose-dependent proliferation of the RPMI 8226 cells. The expected ED ₅₀ for this effect is 15.0-20.0 ng/ml.
精製度	> 95 % SDS-PAGE. Purity: greater than 98% by SDS-PAGE and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	<div>MPPNTSKVYS YFECREKKTE NSKLRKVKYE</div> <div>ETVFYGLQYI LNKYLKGVV TKEKIQEAKD</div> <div>VYKEHFQDDV FNEKGWNYIL EKYDGHLP</div> <div>IKAVPEGFVI PRGNVLFVE NTDPECYWLT</div> <div>NWIETILVQS WYPITVATNS REQKKILAKY</div> <div>LLETSGNLDG LEYKLHDFGY RGVSSQETAG</div> <div>IGASAHLVNF KGTDTVAGLA LIKKYYGTKD</div> <div>PVPGYSVPAA EHSTITAWGK DHEKDAFEHI</div> <div>VTQFSSVPVS VVSDSYDIYN ACEKIWGEDL</div> <div>RHLIVSRSTQ APLIIRPDSG NPLDTVLKVL</div> <div>EILGKKFPVT ENSKGYKLLP PYLRVIQGDG</div> <div>VDINTLQEIV EGMKQKMWSI ENIAFGSGGG</div> <div>LLQKLTRDLL NCSFKCSYVV TNGLGINVFK</div> <div>DPVADPNKRS KKGRLSLHRT PAGNFVTL</div> <div>GKGDLEEGYQ DLLHTVFKNG KVTKSYSFDE</div> <div>IRKNAQLNIE LEAAHH</div>

特性

Our **Abpromise guarantee** covers the use of **ab50134** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE

Functional Studies

製品の状態

Lyophilized

前処理および保存

保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Constituent: 0.036% Hydrochloric acid

This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. Note: Due to solubility reasons the protein should be kept at low pH. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

関連情報

機能

Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway.

組織特異性

Expressed in large amounts in bone marrow, liver tissue, and muscle. Also present in heart, placenta, lung, and kidney tissues.

パスウェイ

Cofactor biosynthesis; NAD(+) biosynthesis; nicotinamide D-ribonucleotide from 5-phospho-alpha-D-ribose 1-diphosphate and nicotinamide: step 1/1.

配列類似性

Belongs to the NAPRTase family.

細胞内局在

Cytoplasm.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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