

Product datasheet

Recombinant Human NEIL1 protein ab123204

1 图像

描述

产品名称	重组人NEIL1蛋白
纯度	> 90 % SDS-PAGE. ab123204 is purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>Q96FI4</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human

序列

MGSSHHHHHH	SSGLVPRGSH	MPEGPELHLA
SQFVNEACRA	LVFGGCVES	SVSRNPEVPF
ESSAYRISAS	ARGKELRLIL	SPLPGAQPQQ
EPLALVFRFG	MSGSFQLVPR	EELPRHAHLR
FYTAPPGPRL	ALCFVDIRRF	GRWDLGGKWQ
PGRGPCVLQE	YQQFRENVL	NLADKAFDRP
ICEALLDQRF	FNGIGNYLRA	EILYRLKIPP
FEKARSVLEA	LQQHRPSP	TLSQKIRTKL
QNPDLLELCH	SVPKEVVQLG	GKGYGSESGE
EDFAAFRAWL	RCYGMPGMSS	LQDRHGRTIW
FQGDGPPLAP	KGRKSRRKKK	KATQLSPEDR
VEDALPPSKA	PSRTRRAKRD	LPKRTATQRP
EGTSLQQDPE	APTVPKKGRR	KGRQAASGHC
RPRKVKADIP	SLEPEGTSAS	

预测分子量	46 kDa including tags
氨基酸	1 to 390
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab123204** in the following tested applications.

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

应用 Mass Spectrometry

	SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid
补充说明	EC=3.2.2.

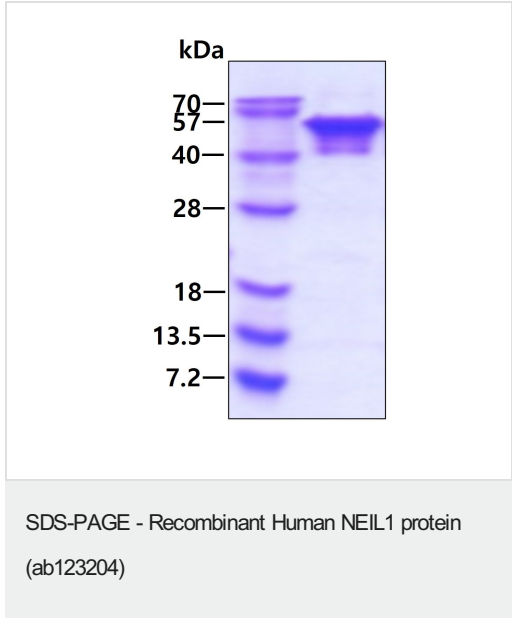
制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.002% PMSF, 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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常规信息

功能	Involved in base excision repair of DNA damaged by oxidation or by mutagenic agents. Acts as DNA glycosylase that recognizes and removes damaged bases. Has a preference for oxidized pyrimidines, such as thymine glycol, formamidopyrimidine (Fapy) and 5-hydroxyuracil. Has marginal activity towards 8-oxoguanine. Has AP (apurinic/aprimidinic) lyase activity and introduces nicks in the DNA strand. Cleaves the DNA backbone by beta-delta elimination to generate a single-strand break at the site of the removed base with both 3'- and 5'-phosphates. Has DNA glycosylase/lyase activity towards mismatched uracil and thymine, in particular in U:C and T:C mismatches.
组织特异性	Ubiquitous.
序列相似性	Belongs to the FPG family.
细胞定位	Nucleus.

图片



15% SDS-PAGE analysis of ab123204 (3ug)

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

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- Response to your inquiry within 24 hours

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