

Product datasheet

Recombinant Human NAP1L1 protein ab117213

1 References 1 Image

Description

| | |
|-----------------------------------|--|
| Product name | Recombinant Human NAP1L1 protein |
| Purity | > 90 % SDS-PAGE. ab117213 was purified using conventional chromatography |
| Expression system | Escherichia coli |
| Accession | P55209 |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | <pre> MGSSHHHHHH SSGLVPRGSH MADIDNKEQS ELDQDLDDVE EEEEEETGEE TKLKARQLTV QMMQNPQILA ALQERLDGLV ETPTGYIESL PRVVKRRVNA LKNLQVKCAQ IEAKFYEEVH DLERKYAVLY QPLFDKRFEI INAIYEPTTE ECEWKPDEED EISEELKEKA KIEDEKKDEE KEDPKGIPEF WLTVFKNVDL LSDMVQEHDE PILKHLKDIK VKFSDAGQPM SFVLEHFHFEF NEYFTNEVLT KTYRMRSEPD DSDPFSFDGP EIMGCTGCQI DWKKGKNVTL KTIKKKQKHK GRGTVRTVTK TVSNDSFFNF FAPPEVPESG DLDDDAEAIL AADFEIGHFL RERIIPRSVL YFTGEAIEDD DDDYDEEGEE ADEEGEEEGD EENDPDYDPK KDQNPAEC </pre> |
| Predicted molecular weight | 47 kDa including tags |
| Amino acids | 1 to 388 |
| Tags | His tag N-Terminus |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab117213** in the following tested applications.

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

| | |
|---------------------|-------------------------------|
| Applications | Mass Spectrometry SDS-PAGE |
|---------------------|-------------------------------|

| | |
|--------------------------|-----------|
| Mass spectrometry | MALDI-TOF |
| Form | Liquid |

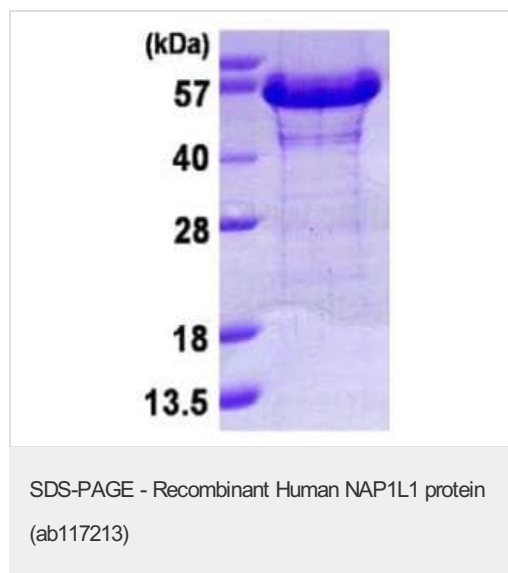
Preparation and Storage

| | |
|------------------------------|---|
| Stability and Storage | 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: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine) |
|------------------------------|---|

General Info

| | |
|---|--|
| Function | May be involved in modulating chromatin formation and contribute to regulation of cell proliferation. |
| Tissue specificity | Ubiquitously expressed. |
| Sequence similarities | Belongs to the nucleosome assembly protein (NAP) family. |
| Domain | The acidic domains are probably involved in the interaction with histones. |
| Post-translational modifications | Polyglutamylated by TTLL4, a modification that occurs exclusively on glutamate residues and results in polyglutamate chains on the gamma-carboxyl group. Some residues may also be monoglycylated but not polyglycylated due to the absence of functional TTLL10 in human. |
| Cellular localization | Nucleus. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. |

Images



ab117213 (3ug) on a 15% SDS-PAGE

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