

Datasheet for ABIN7561987

NT5C1A Protein (AA 1-365) (His tag)



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Overview

Quantity:	1 mg
Target:	NT5C1A
Protein Characteristics:	AA 1-365
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NT5C1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Nt5c1a Protein expressed in mammalian cells.
Sequence:	<p>MEPGQPREAR EPGPGAETAA VPRWEEAKTF YDNLSSKKKP KSPKPQNAV TIAVSSRALFR</p> <p>MDEEQRIYTE QGVVEEYVRYQ LEHENEPFSP GPAFPFVKAL EAVNKRLREL YPDSIEDIFI</p> <p>VLMTNNHAQV GVRLINSINH YDLFIERFCM TGGNSPICYL KAYHTNLYLS ADADKVREAI</p> <p>DEGIAAATIF SPSRDVVVSQ SQLRVAFDGD AVLFSDSER IVKAHGLDRF FEHEKAHENK</p> <p>PLAQGPLKGF LEALGRLQKK FYSKGLRLEC PIRTYLVTAR SAASSGARAL KTLRSWGLET</p> <p>DEALFLAGAP KGPLEKIRP HIFFDDQMFH VAGAQEMGTV AAHPYGVGAQ NPRRAAAAKQ</p> <p>SLGAQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	NT5C1A
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Alternative Name:	Nt5c1a (NT5C1A Products)
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Background:	Cytosolic 5'-nucleotidase 1A (cN1A) (EC 3.1.3.5) (EC 3.1.3.89) (EC 3.1.3.99) (5'-deoxynucleotidase) (Cytosolic 5'-nucleotidase IA) (cN-IA),FUNCTION: Catalyzes the hydrolysis of ribonucleotide and deoxyribonucleotide monophosphates, releasing inorganic phosphate and the corresponding nucleoside (By similarity). AMP is the major substrate but can also hydrolyze dCMP and IMP (By similarity). {ECO:0000250 UniProtKB:Q9BXI3}.
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Molecular Weight:	40.7 kDa
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UniProt:	A3KFX0
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months