

Datasheet for ABIN7549873

NRL Protein (AA 1-237) (His tag)



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Overview

Quantity:	1 mg
Target:	NRL
Protein Characteristics:	AA 1-237
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NRL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NRL Protein expressed in mammalian cells.
Sequence:	<p>MALPPSPLAM EYVNDFDLMK FEVKREPSEG RGPPTASLG STPYSSVPPS PTFSEPGMVG</p> <p>ATEGTRPGLE ELYWLATLQQ QLGAGEALGL SPEEAMELLQ GQGPVPVDGP HGYYPGSPEE</p> <p>TGAQHVQLAE RFSDAALVSM SVRELNRLR GCGRDEALRL KQRRRTLKNR GYAQACRSKR</p> <p>LQRRRGLEAE RARLAAQLDA LRAEVARLAR ERDLYKARCD RLTSSGPGSG DPSHLFL 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NRL
Alternative Name:	NRL (NRL Products)
Background:	Neural retina-specific leucine zipper protein (NRL),FUNCTION: Acts as a transcriptional activator which regulates the expression of several rod-specific genes, including RHO and PDE6B (PubMed:21981118). Functions also as a transcriptional coactivator, stimulating transcription mediated by the transcription factor CRX and NR2E3 (PubMed:17335001). Binds in a sequence-specific manner to the rhodopsin promoter (PubMed:17335001). {ECO:0000269 PubMed:17335001, ECO:0000269 PubMed:21981118}.
Molecular Weight:	25.9 kDa
UniProt:	P54845

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

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