

Recombinant Mouse NRL Protein (1-237 aa), His-SUMO-Myc-tagged

Cat. No. NRL-2535M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NRL Protein (1-237 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-237 aa
Description	Acts as a transcriptional activator which regulates the expression of several rod-specific genes, including RHO and PDE6B. Functions also as a transcriptional coactivator, stimulating transcription mediated by the transcription factor CRX and NR2E3. Binds in a sequence-specific manner to the rhodopsin promoter.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	46.1 kDa
AA Sequence	MAFPPSPPLAMEYVNDFFDLMKFEIKREPSEGRSGVPTASLGSTPYSSVPPSPTFSEP GMVGGGEAPRPGLEELYWLATLQQQLGSDEVGLSPDEAVELLQNQGPVSMEGPL GYYSGSPGETGAQHVQLPERFSDAALVSMVRELNRQLRGCGRDEALRLKQRRRT LKNRGYAQACRSKRLQRRGLEAERARLAAQLDALRAEVARLARERDLYKARCDR LTSGGPGSDDHTLFL

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

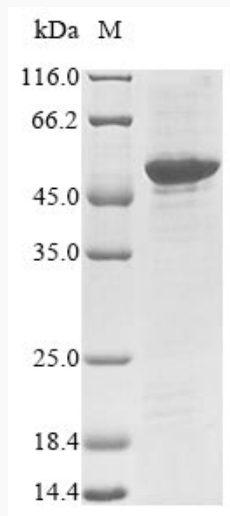
GENE INFORMATION

Gene Name	Nrl neural retina leucine zipper gene [<i>Mus musculus</i>]
Official Symbol	NRL
Synonyms	NRL; neural retina leucine zipper gene; AW492574; D14H14S46E;
Gene ID	18185
mRNA Refseq	NM_001136074
Protein Refseq	NP_001129546
UniProt ID	P54846

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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