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Product datasheet

Recombinant human Nuclear Receptor Corepressor NCoR protein ab82239

1 References

Description

Product name	Recombinant human Nuclear Receptor Corepressor NCoR protein
Biological activity	ab82239 has been tested for deacetylation activity in vitro in the presence of HDAC3.
Purity	> 95 % SDS-PAGE. ab82239 is greater than 95% homogeneous based on SDS-PAGE gel analysis, purified by an affinity column in combination with FPLC chromatography.
Expression system	Baculovirus infected insect cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab82239** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function	Mediates transcriptional repression by certain nuclear receptors. Part of a complex which promotes histone deacetylation and the formation of repressive chromatin structures which may impede the access of basal transcription factors.
Sequence similarities	Belongs to the N-CoR nuclear receptor corepressors family. Contains 2 SANT domains.
Domain	The N-terminal region contains three independent domains that are capable of mediating transcriptional repression (RD1, RD2 and RD3). The C-terminal region contains two separate nuclear receptor-interacting domains (ID1 and ID2), each of which contains a conserved sequence referred to as the CORNR box. This motif is necessary and sufficient for binding to unligated nuclear hormone receptors, while sequences flanking the CORNR box determine the precise nuclear hormone receptor specificity.
Post-translational modifications	Ubiquitinated; mediated by SIAH2 and leading to its subsequent proteasomal degradation.
Cellular localization	Nucleus.

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