abcam

Product datasheet

Recombinant Human NR2F6/EAR-2 protein (Tagged) ab235796

1 Image

Description

Product name	Recombinant Human NR2F6/EAR-2 protein (Tagged)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	P10588
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAMVTGGWGGPGGDTNGVDKAGGYPRAAEDDSASPPG AASDAEPGDEERP GLQVDCVVCGDKSSGKHYGVFTCEGCKSFFKRSIRRNLS YTCRSNRDCQI DQHHRNQCQYCRLKKCFRVGMRKEAVQRGRIPHSLPGA VAASSGSPPGSA LAAVASGGDLFPGQPVSELIAQLLRAEPYPAAAGRFGAG GGAAGAVLGID NVCELAARLLFSTVEWARHAPFFPELPVADQVALLRLSW SELFVLNAAQA ALPLHTAPLLAAAGLHAAPMAAERAVAFMDQVRAFQEQV DKLGRLQVDSA EYGCLKAIALFTPDACGLSDPAHVESLQEKAQVALTEYVR AQYPSQPQRF GRLLLRLPALRAVPASLISQLFFMRLVGKTPIETLIRDMLLS GSTFNWPY GSGQ
Predicted molecular weight	59 kDa including tags
Amino acids	1 to 404
Tags	His tag N-Terminus
Additional sequence information	N-terminal 6xHis-SUMO-tag.

Specifications

Our Abpromise guarantee covers the use of **ab235796** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid
Additional notes	Protein previously labeled as NR2F6.

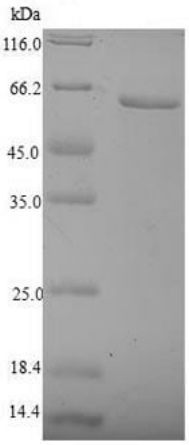
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

Function	Transcription factor predominantly involved in transcriptional repression. Binds to promoter/enhancer response elements that contain the imperfect 5'-AGGTCA-3' direct or inverted repeats with various spacings which are also recognized by other nuclear hormone receptors. Involved in modulation of hormonal responses. Represses transcriptional activity of the lutropin-choriogonadotropic hormone receptor/LHCGR gene, the renin/REN gene and the oxytocin-neurophysin/OXT gene. Represses the triiodothyronine-dependent and -independent transcriptional activity of the thyroid hormone receptor gene in a cell type-specific manner. The corepressing function towards thyroid hormone receptor beta/THRB involves at least in part the inhibition of THRB binding to triiodothyronine response elements (TREs) by NR2F6. Inhibits NFATC transcription factor DNA binding and subsequently its transcriptional activity. Acts as transcriptional repressor of IL-17 expression in Th-17 differentiated CD4(+) T cells and may be involved in induction and/or maintenance of peripheral immunological tolerance and autoimmunity. Involved in development of forebrain circadian clock; is required early in the development of the locus coeruleus (LC).
Tissue specificity	Expressed in heart, placenta, liver, skeletal muscle, kidney and pancreas.
Sequence similarities	Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain.
Cellular localization	Nucleus.

Images



SDS-PAGE - Recombinant Human NR2F6/EAR-2 protein (Tagged) (ab235796)

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235796.

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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