

Nuclear receptor subfamily 2 group F member 6 (NR2F6) Recombinant Protein | NR2F6 recombinant protein

Recombinant Human Nuclear receptor subfamily 2 group F member 6 (NR2F6)

CATALOG # AAA18454	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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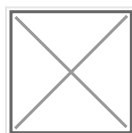
PRODUCT SYNONYMS

Nuclear receptor subfamily 2 group F member 6 (NR2F6); Recombinant Human Nuclear receptor subfamily 2 group F member 6 (NR2F6); V-erbA-related protein 2; EAR-2; NR2F6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-404aa; Full Length
Sequence	MAMVTGGWGG PGGDTNGVDK AGGYPRAAED DSASPPGAAS DAEPGDEERP GLQVDCVVCG DKSSGKHYGV FTCEGCKSFF KRSIRRNLSY TCRSNRDCQI DQHHRNQCQY CRLKKCFRVG MRKEAVQRGR IPHSLPGAVA ASSGSPPGSA LAAVASGGDL FPGQPVELI AQLLRAEPYP AAAGRFGAGG GAAGAVLGID NVCELAARLL FSTVEWARHA PFFPELPVAD QVALLRLSWS ELFVLNAAQA ALPLHTAPLL AAAGLHAAPM AAERAVAFMD QVRAFQEQVD KLGRLQVDSA EYGCLKAIAL FTPDACGLSD PAHVESLQEK AQVALTEYVR AQYPSQPQRF GRLLRLPAL RAVPASLISQ LFFMRLVGKT PIETLIRDML LSGSTFNWPY GSGQ
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NR2F6 recombinant protein	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).
Product Categories/Family for NR2F6 recombinant protein	Epigenetics and Nuclear Signaling

References	"Identification of two novel members of erbA superfamily by molecular cloning: the gene products of the two are highly related to each other." Miyajima N., Kadowaki Y., Fukushige S., Shimizu S., Semba K., Yamanashi Y., Matsubara K., Toyoshima K., Yamamoto T. Nucleic Acids Res. 16:11057-11074(1988)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20070199
NCBI GeneID	2063
NCBI Accession #	NP_005225.2
NCBI GenBank Nucleotide #	NM_005234.3
UniProt Accession #	P10588; Q5XGA0; Q6P586; Q9BUE8; B2RC68
Molecular Weight	47 kDa
NCBI Official Full Name	nuclear receptor subfamily 2 group F member 6
NCBI Official Synonym Full Names	nuclear receptor subfamily 2 group F member 6
NCBI Official Symbol	NR2F6
NCBI Official Synonym Symbols	EAR2; EAR-2; ERBAL2
NCBI Protein Information	nuclear receptor subfamily 2 group F member 6
UniProt Protein Name	Nuclear receptor subfamily 2 group F member 6
UniProt Gene Name	NR2F6
UniProt Synonym Gene Names	EAR2; ERBAL2; EAR-2
UniProt Entry Name	NR2F6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nr2f6-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18454>