



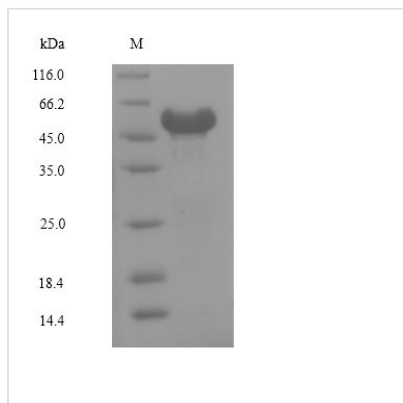
Recombinant Human Nuclear receptor subfamily 2 group F member 6 (NR2F6)

Product Code	CSB-MP016058HU
Relevance	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).
Abbreviation	Recombinant Human NR2F6 protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P10588
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Sequence	MAMVTGGWGGPGGDTNGVDKAGGYPRAAEDDSASPPGAASDAEPGDEERP GLQVDCVVC GDKSSGKH YGVFTCEGCKSFFKRSIRRNLSYTCRSNRDCQIDQ HHRNQCYCRLKKCFRVGMRKEAVQRGRIPHSLPGAVAASSGSPPGSALAA VASGGDLFP GQPVSELIAQLLRAEPYPAAAGRFGAGGGAAGAVLGIDNVCELA ARLLFSTVEWARHAPFFPELPVADQVALLRLSWSELFVLNAAQAALPLHTAPLL AAAGLHAAPMAAERAVAFMDQVRAFQE QVDKLGRLQVDSA EYGCLKAIALFT PDACGLSDPAHVESLQEKAQVALTEYVRAQYPSQPQRFRLLLRPALRAVP ASLISQLFFMRLVGKTP IETLIRDMLLSGSTFNWPYGS GQ
Research Area	Epigenetics and Nuclear Signaling
Source	Mammalian cell
Target Names	NR2F6

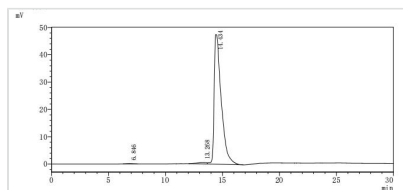


Expression Region	1-404aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-Myc-tagged
Mol. Weight	47.0kDa
Protein Length	Full Length

Image



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



The purity of NR2F6 was greater than 95% as determined by SEC-HPLC

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.