

Constitutive Androstane Receptor Recombinant Protein | CAR recombinant protein

Recombinant Constitutive Androstane Receptor (CAR)

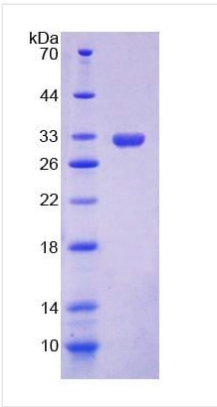
CATALOG # AAA145473	HOST E. coli	REACTIVITY Mouse	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Constitutive Androstane Receptor; Recombinant Constitutive Androstane Receptor (CAR); NR1I3; NR1-I3; CAR1; MB67; Nuclear Receptor Subfamily 1; Group I; Member 3; Constitutive active response; Constitutive activator of retinoid response; Orphan nuclear receptor MB67; CAR recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Mouse
Purity/Purification	>95%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	Original Concetration: 200µg/mL (varies by lot)
Applicable Applications for CAR recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Glu247
Tags	N-terminal His-Tag
Tissue Specificity	Liver, Ovary, Uterus
Subcellular Location	Cytoplasm, cytoskeleton, nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	9.0
Predicted Molecular Mass	31.8kDa
Accurate Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

MTAMLTLETM	ASEEEYGPRN	CVVCGDRATG	YHFHALTCEG	CKGFFRRTVS
KTIGPICPFA	GRCEVSKAQR	RHCPACRLQK	CLNVGMRKDM	ILSAEALALR
RARQAORRAE	KASLQNLQQQ	KELVQILLGA	HTRHVGPMFD	QFVQFKPPAY
LFMHHRPFQP	RGVLPPLLTH	FADINTFMVQ	QIIKFVKDLP	LFRSLTMEDQ
ISLLKGAAVE	ILHISLNTTF	CLQTENFFCG	PLCYKMEDAV	HAGFQYE

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	216409712
NCBI GeneID	9970
NCBI Official Full Name	constitutive androstane receptor
NCBI Official Synonym Full Names	nuclear receptor subfamily 1 group I member 3
NCBI Official Symbol	NR1I3
NCBI Official Synonym Symbols	CAR; CAR1; MB67
NCBI Protein Information	nuclear receptor subfamily 1 group I member 3
UniProt Protein Name	Nuclear receptor subfamily 1 group I member 3
UniProt Gene Name	NR1I3
UniProt Synonym Gene Names	CAR; Constitutive active response; CAR
UniProt Entry Name	NR1I3_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.