

## Product datasheet for SA6040X

### RXR-alpha / RXRA (111-228) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	RXR-alpha / RXRA (111-228) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MLGLNGVLKV PAHPSGNMAS FTKHICAICG DRSSGKHYGV YSCEGCKGFF KRTVRKDLTY TCRDNKDCLI DKRQRNRCQY CRYQKCLAMG MKREAVQEER QRGKDRNENE VESTSSANE
Predicted MW:	13.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid protein Buffer System: 20 mM Tris-HCl pH 7.5, 0.1 M NaCl, 5 mM beta-Mercaptoethanol
Preparation:	Liquid protein
Protein Description:	The DNA binding domain of RXR (111-228 aa) was over expressed in E. coli and purified by using conventional column chromatography techniques.
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001278849</a>
Locus ID:	6256
UniProt ID:	<a href="#">A0A5F9ZHH6</a>
Cytogenetics:	9q34.2
Synonyms:	Retinoic acid receptor RXR-alpha, NR2B1, Retinoid X receptor alpha



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**Summary:**

Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2014]

**Protein Families:**

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:**

Adipocytokine signaling pathway, Non-small cell lung cancer, Pathways in cancer, PPAR signaling pathway, Small cell lung cancer, Thyroid cancer

**Product images:**