

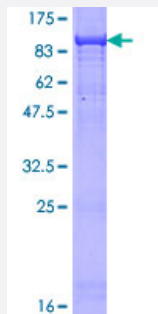
Full-Length

NCOA4 (Human) Recombinant Protein (P01)

Catalog # H00008031-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NCOA4 full-length ORF (AAH12736.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNTFQDQSGSSSNREPLLRCSDARRDLELAIGGVLRAEQQIKDNLREVKAQIHSCISRHLECLRSR
EVWLYEQVDLIYQLKEETLQQQAQQLYSLLGQFNCLTHQLECTQNKDLANQVSVCLERLGSLTLK
PEDSTVLLFEADTITLRQTITTFGSLKTIQIPEHLMAHASSANIGPFLEKRGCSIMPEQKSASGMAVP
FSEWLLGSKPASGYQAPYIPSTD PQDWLTQKQTLENSQTSSRACNFFNNVGGNLKGLENWLLKS
EKSSYQKCNHSTTSSFSIEMEKEVGDQELPDQDEMDLSDWLVTQESHKLRKPENGSRSEK
FKLLFQSYNVNDWLKTDSCNCGNQPKGVEIENLGNLKLNDHLEAKKPLSTPSMVTEWLV
QNHQDPCKVEEVCRANEPCTSFACVCDENCEKEALYKWLKKEGKDKNGMPVEPKPEPEKH
KDSLNMWLCPRKEVIEQTKAPKAMTPSRIADSFQVKN SPLSEWLIRPPYKEGSPKEVPGTEDRA
GKQKYLIHL YRRNITSPQTIMASLQFVISLPVCSLKLKRSYIELLYRCEGMDKS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.99

Interspecies Antigen Sequence

Mouse (78); Rat (76)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NCOA4

Entrez GeneID	8031
GeneBank Accession#	BC012736
Protein Accession#	AAH12736.1
Gene Name	NCOA4
Gene Alias	ARA70, DKFZp762E1112, ELE1, PTC3, RFG
Gene Description	nuclear receptor coactivator 4
Omim ID	188550 601984
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an androgen receptor coactivator. The encoded protein interacts with the androgen receptor in a ligand-dependent manner to enhance its transcriptional activity. Chromosomal translocations between this gene and the ret tyrosine kinase gene, also located on chromosome 10, have been associated with papillary thyroid carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes are present on chromosomes 4, 5, 10, and 14. [provided by RefSeq]
Other Designations	ELE1/ret TK OTTHUMP00000019601 OTTHUMP00000019603 RET-activating gene ELE1

Pathway

- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)