

Product datasheet for **TP761992**

NCOA2 (NM_006540) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human nuclear receptor coactivator 2 (NCOA2),Met1-Ile280, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Ile280)of NCOA2
Tag:	N-His
Predicted MW:	31.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006531
Locus ID:	10499
UniProt ID:	Q15596
RefSeq Size:	6157
Cytogenetics:	8q13.3
RefSeq ORF:	4392
Synonyms:	bHLHe75; GRIP1; KAT13C; NCoA-2; SRC2; TIF2



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Summary:

The protein encoded by this gene functions as a transcriptional coactivator for nuclear hormone receptors, including steroid, thyroid, retinoid, and vitamin D receptors. The encoded protein acts as an intermediary factor for the ligand-dependent activity of these nuclear receptors, which regulate their target genes upon binding of cognate response elements. This gene has been found to be involved in translocations that result in fusions with other genes in various cancers, including the lysine acetyltransferase 6A (KAT6A) gene in acute myeloid leukemia, the ETS variant 6 (ETV6) gene in acute lymphoblastic leukemia, and the hes related family bHLH transcription factor with YRPW motif 1 (HEY1) gene in mesenchymal chondrosarcoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

Protein Families:

Druggable Genome

Product images: