

Recombinant Human NCAPG Protein, GST-tagged

Cat. No. NCAPG-4613H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HCAP-G partial ORF (AAH00827, 336 a.a. - 435 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	336-435 a.a.
Description	This gene encodes a subunit of the condensin complex, which is responsible for the condensation and stabilization of chromosomes during mitosis and meiosis. Phosphorylation of the encoded protein activates the condensin complex. There are pseudogenes for this gene on chromosomes 8 and 15. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Molecular Mass	36.63 kDa
AA Sequence	TTFQNEDEKNKEVYMTPLRGVKATQASKSTQLKTNRGQRKVTVSARTNRRRCQTAE ADSESDHEVPEPESEMKMRLPRRAKTAALEKSKLNLAQFLNEDLS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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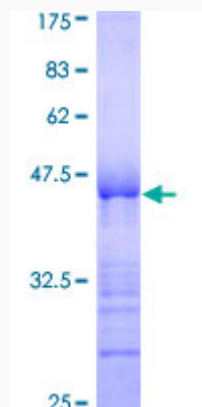
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	NCAPG non-SMC condensin I complex, subunit G [Homo sapiens]
Official Symbol	NCAPG
Synonyms	NCAPG; non-SMC condensin I complex, subunit G; condensin complex subunit 3; CAP G; chromosome condensation protein G; FLJ12450; hCAP G; XCAP-G homolog; condensin subunit CAP-G; melanoma antigen NY-MEL-3; chromosome-associated protein G; CAPG; CHCG; HCAP-G; NY-MEL-3; MGC126525;
Gene ID	64151
mRNA Refseq	NM_022346
Protein Refseq	NP_071741
MIM	606280
UniProt ID	Q9BPX3

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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