

Recombinant Human NCAPG2 Protein, GST-tagged

Cat. No. NCAPG2-4576H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LUZP5 partial ORF (NP_060230, 177 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Condensin complexes I and II play essential roles in mitotic chromosome assembly and segregation. Both condensins contain 2 invariant structural maintenance of chromosome (SMC) subunits, SMC2 (MIM 605576) and SMC4 (MIM 605575), but they contain different sets of non-SMC subunits. NCAPG2 is 1 of 3 non-SMC subunits that define condensin II (Ono et al., 2003 [PubMed 14532007]).[supplied by OMIM
Molecular Mass	36.52 kDa
AA Sequence	TKTGADVCLRWRIHQALYCFDYDLEESGEIKDMLLECFININYIKKEEGRRFLSCLFN WNINFIKMIHGTIKNQLQGLQKSLMVYIAEIYFRAWKKAS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 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 NCAPG2 non-SMC condensin II complex, subunit G2 [Homo sapiens]

Official Symbol NCAPG2

Synonyms NCAPG2; non-SMC condensin II complex, subunit G2; leucine zipper protein 5 , LUZP5; condensin-2 complex subunit G2; CAP G2; FLJ20311; hCAP G2; MTB; more than blood homolog; leucine zipper protein 5; chromosome-associated protein G2; LUZP5; CAP-G2; hCAP-G2;

Gene ID 54892

mRNA Refseq NM_017760

Protein Refseq NP_060230

MIM 608532

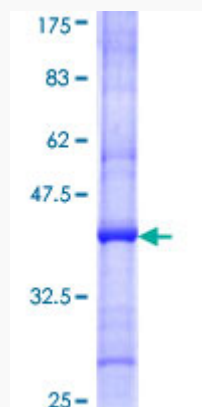
UniProt ID Q86XI2

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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