

Recombinant Human NUMA1 protein, GST-tagged

Cat. No. NUMA1-28047TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUMA1(200 a.a. - 306 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	200-306 a.a.
Description	This gene encodes a large protein that forms a structural component of the nuclear matrix. The encoded protein interacts with microtubules and plays a role in the formation and organization of the mitotic spindle during cell division. Chromosomal translocation of this gene with the RARA (retinoic acid receptor, alpha) gene on chromosome 17 have been detected in patients with acute promyelocytic leukemia. Alternative splicing results in multiple transcript variants.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.51 kDa
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.

GENE INFORMATION

Gene Name NUMA1 nuclear mitotic apparatus protein 1 [Homo sapiens]

Official Symbol NUMA1

Synonyms NUMA1; nuclear mitotic apparatus protein 1; SP-H antigen; structural nuclear protein; centrophilin stabilizes mitotic spindle in mitotic cells; NUMA;

Gene ID 4926

mRNA Refseq NM_006185

Protein Refseq NP_006176

MIM 164009

UniProt ID Q14980

Chromosome Location 11q13

Pathway Caspase cascade in apoptosis, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Mitotic G2-G2/M phases, organism-specific biosystem; Recruitment of NuMA to mitotic centrosomes, organism-specific biosystem;

Function protein binding; structural molecule activity;

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