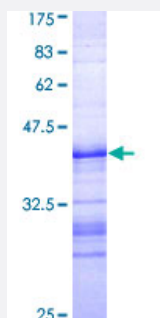


CHAF1A (Human) Recombinant Protein (Q01)

Catalog # H00010036-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human CHAF1A partial ORF (AAH67093, 21 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CKDRPAFPVKKLIQARLPFKRLNLVPKGKADDMSDDQGTSVQSKSPDLEASLDLENNCHVGS DIDFRPKLVNGKGPLDNFLRNRIETSIGQSTVIIDLT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (58); Rat (58)
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 — CHAF1A

Entrez GeneID	10036
GeneBank Accession#	BC067093
Protein Accession#	AAH67093
Gene Name	CHAF1A
Gene Alias	CAF-1, CAF1, CAF1B, CAF1P150, MGC71229, P150
Gene Description	chromatin assembly factor 1, subunit A (p150)
Omim ID	601246
Gene Ontology	Hyperlink
Gene Summary	Chromatin assembly factor I (CAF1) is a nuclear complex consisting of p50, p60 (CHAF1B; MIM 601245), and p150 (CHAF1A) subunits that assembles histone octamers onto replicating DNA in vitro (Kaufman et al., 1995 [PubMed 7600578]).[supplied by OMIM]
Other Designations	chromatin assembly factor I (150 kDa)

Publication Reference

- [Antiribonuclease H2 antibodies are an immune biomarker for systemic lupus erythematosus.](#)

Nozawa K, Doe K, Uomori K, Sekigawa I, Takasaki Y, Yamaji K, Tamura N.
Autoimmunity 2017 May; 50(4):241.

Application: ELISA, Human, Serum from patients with systemic lupus erythematosus

- [Antibody against chromatin assembly factor-1 is a novel autoantibody specifically recognized in systemic lupus erythematosus.](#)

Doe K, Nozawa K, Hiruma K, Yamada Y, Matsuki Y, Nakano S, Ogasawara M, Nakano H, Ikeda T, Ikegami T, Fujishiro M, Kawasaki M, Ikeda K, Amano H, Morimoto S, Ogawa H, Takamori K, Sekigawa I, Takasaki Y.

Lupus 2014 Sep; 23(10):1031.

Application: ELISA, Human, Serum

Disease

- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Werner syndrome](#)