

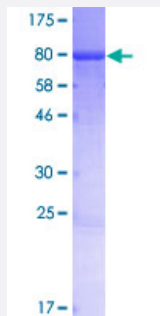
Full-Length

CASC4 (Human) Recombinant Protein (P01)

Catalog # H00113201-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CASC4 full-length ORF (NP_612432.2, 1 a.a. - 436 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVGFGANRRAGRLPSLVLVVLLVVIVLAFNYWSISSRHVLLQEEVAELQGQVQRTEVARGRLEK
RNSDLLLVLDTHKKQIDQKEADYGRLLSSRLQAREGLGKRCEDDKVKLQNNISYQMADIHHLKEQL
AELRQEFLRQEDQLQDYRKNNTYLVKRLEYESFQCGQMKELRAQHEENIKKLADQFLEEQKQE
TQKIQSNDGKELDINNQVVPKNIPKVAENVADKNEEPSSNHIPHGKEQIKRGGDAGMPGIEENDLA
KVDDLPPALRKPPISVSQHESHAISHLPTGQPLSPNMPPDSHINHNGNPGTSKQNPSSPLQRLIP
GSNLDSEPRIQTDILKQATKDRVSDFHKLKQSRFFDENESPVDPQHGSKLADYNGDDGNVGEYE
ADKQAELAYNEEEDGDGGEEDVQDDEERELQMDPADYGKQHFNDVL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.9

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 — CASC4

Entrez GeneID [113201](#)

GeneBank Accession# [NM_138423.2](#)

Protein Accession# [NP_612432.2](#)

Gene Name CASC4

Gene Alias DKFZp459F1927, H63, MGC74708

Gene Description cancer susceptibility candidate 4

Gene Ontology [Hyperlink](#)

Gene Summary The increased expression level of this gene is associated with HER-2/neu proto-oncogene overexpression. Amplification and resulting overexpression of this proto-oncogene are found in approximately 30% of human breast and 20% of human ovarian cancers. Further characterization of the product of this gene may yield insight into the fundamental biology and pathogenetic effects of HER-2/neu overexpression in human breast and ovarian cancer cells. Alternatively spliced variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations gene associated with HER-2/neu overexpression