Recombinant Human CASC4 Protein, GST-Tagged

Cat. No. CASC4-0409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CASC4 full-length ORF (NP_612432.2, 1 a.a. - 436 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. Alternatively spliced variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Dec 2010]
Molecular Mass	75.9 kDa
AA Sequence	MVGFGANRRAGRLPSLVLVVLLVVIVVLAFNYWSISSRHVLLQEEVAELQGQVQRTE VARGRLEKRNSDLLLLVDTHKKQIDQKEADYGRLSSRLQAREGLGKRCEDDKVKLQ NNISYQMADIHHLKEQLAELRQEFLRQEDQLQDYRKNNTYLVKRLEYESFQCGQQM KELRAQHEENIKKLADQFLEEQKQETQKIQSNDGKELDINNQVVPKNIPKVAENVAD KNEEPSSNHIPHGKEQIKRGGDAGMPGIEENDLAKVDDLPPALRKPPISVSQHESHQ AISHLPTGQPLSPNMPPDSHINHNGNPGTSKQNPSSPLQRLIPGSNLDSEPRIQTDIL KQATKDRVSDFHKLKQSRFFDENESPVDPQHGSKLADYNGDDGNVGEYEADKQAE LAYNEEEDGDGGEEDVQDDEERELQMDPADYGKQHFNDVL
Applications	Enzyme-linked Immunoabsorbent Assay

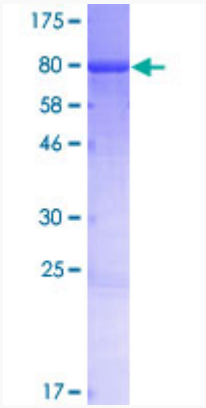
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	Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CASC4 cancer susceptibility candidate 4 [Homo sapiens]
Official Symbol	CASC4
Synonyms	CASC4; cancer susceptibility candidate 4; protein CASC4; DKFZp459F1927; H63; gene associated with HER-2/neu overexpression; cancer susceptibility candidate gene 4 protein; MGC74708;
Gene ID	113201
mRNA Refseq	NM_138423
Protein Refseq	NP_612432
UniProt ID	Q6P4E1

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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