

Recombinant Full Length Human CASC1 Protein, GST-tagged

Cat. No. CASC1-2901HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CASC1 full-length ORF (NP_001076441.1, 1 a.a. - 690 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	690 amino acids
Description	CASC1 (Cancer Susceptibility 1) is a Protein Coding gene. Diseases associated with CASC1 include Respiratory System Benign Neoplasm. GO annotations related to this gene include microtubule binding and beta-tubulin binding.
Molecular Mass	105.8 kDa
AA Sequence	<p>MRQTGGGATTDSASPVLNNVIKSQSYFTAKRVGLGNNSYLGVGRPSSQQWLSLPG PGGQGPKAKKSGSKKKKVTKAERLKLQEEEEERRLKEEEEEARLKYEKEEMERLEIQ RIEKEKWHRLEAKDLERRNEELEELYLLERCFPEAEKQETKLLSQWKHYIQCDGS PDPSVAQEMNTFISLWKEKTNETFEEVIEKSKVVLNLIKLFILLETPPCDLQDKNIIQ YQESILQLQELLHLKFGVATEILLKQASTLADLDSGNMEKVIKDENVTLVWVANLKKK PRHRSVRFSETQIGFEIPRILATSDIAVRLHHTHYDHVSALHPVSTPSKEYTSAVTELV KDDVKNVEKAISKEVEEESKQQRGSHLIQEEEIKVEEEQGDIEVKMSSAESEAIK CEREMKVLSETVSAQLLLVENSSSEKPDFEDNVVDLCQFTTLGGVYHLDILELPPQ CKPVKGMWIVEILKEGLQKYTYPPETTEEFETENAFPPPIEVTLEVHENVIFFEDPVVV RWD AEGKHWRTDGISNVSYKPKERLVTFLDFTFGPVTLIQDAHINMPYQSWELRPL</p>

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DVNVLLTVTTVFTEIQIQIKENLCMLSSIKLKDKKHISILEGTWMTPIPFIIALKEAGLNI
FPTRHSHFYVIINNKVPLVEVKAYRQALLSSAFAGWSKWNLLCNSTKVVFKW

Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	CASC1 cancer susceptibility candidate 1 [Homo sapiens]
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Official Symbol	CASC1
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Synonyms	LAS1; PPP1R54
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Gene ID	55259
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mRNA Refseq	NM_018272
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Protein Refseq	NP_060742
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MIM	616906
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UniProt ID	Q6TDU7
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