CASP8 (Human) Cell-Based ELISA Kit

Catalog # KA2639 Size 1 Kit

Specification

Product Description	CASP8 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of CASP8 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — CASP8

Entrez GeneID	841
Protein Accession#	Q14790
Gene Name	CASP8
Gene Alias	ALPS2B, CAP4, FLICE, FLJ17672, MACH, MCH5, MGC78473
Gene Description	caspase 8, apoptosis-related cysteine peptidase

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Omim ID	114480 114550 601763 607271
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined. [provided by RefSeq
Other Designations	FADD-homologous ICE/CED-3-like protease|MACH-alpha-1/2/3 protein|MACH-beta-1/2/3/4 protein|Mch5 isoform alpha|OTTHUMP00000163718|OTTHUMP00000163719|OTTHUMP00000163720|caspase 8|caspase 8, apoptosis-related cysteine protease|cysteine protease|procaspase-8

Pathway

- Apoptosis
- p53 signaling pathway
- Pathways in cancer
- Toll-like receptor signaling pathway

Disease

- Adenocarcinoma
- Anthracosis
- Asthma
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity

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- Carcinoma
- Cardiovascular Diseases
- Clubfoot
- Colorectal Neoplasms
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Edema
- Endometrial Neoplasms
- Esophageal Neoplasms
- Gallbladder Neoplasms
- Gastrointestinal Stromal Tumors
- Genetic Predisposition to Disease
- Glioma
- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Infertility
- Leukemia
- Lung Neoplasms
- Lymphoma
- Lymphoproliferative Disorders
- Malignant melanoma
- Melanoma
- Meningeal Neoplasms
- Meningioma

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- Multiple Myeloma
- Multiple Sclerosis
- Narcolepsy
- Neoplasm Invasiveness
- Neoplasm Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neovascularization
- Neuroma
- Occupational Diseases
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Skin Neoplasms
- Small Cell Lung Carcinoma
- Urinary Bladder Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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