

Recombinant Human HIP1 cell lysate

Cat. No. HIP1-788HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The product of this gene is a membrane-associated protein that colocalizes with huntingtin. This protein has similarities to cytoskeleton proteins and its interaction with huntingtin is thought to play a functional role in the cell filament network. Loss of normal huntingtin-HIP1 interaction in Huntington disease may contribute to a defect in membrane-cytoskeletal integrity in the brain. This gene could help in the understanding of the normal function of huntingtin and also the pathogenesis of Huntington disease. It also has been implicated in the pathogenesis of hematopoietic malignancies. An alternative splice variant of this gene has been described but its full length sequence has not been determined.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HIP1 huntingtin interacting protein 1 [Homo sapiens]
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Official Symbol	HIP1
Synonyms	HIP1; huntingtin interacting protein 1; huntingtin-interacting protein 1; ILWEQ; HIP-I; huntingtin-interacting protein I; MGC126506;
Gene ID	3092
mRNA Refseq	NM_001243198
Protein Refseq	NP_001230127
MIM	601767
UniProt ID	O00291
Chromosome Location	7q11.23
Pathway	Coregulation of Androgen receptor activity, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;
Function	actin binding; clathrin binding; phosphatidylinositol binding; protein binding; structural constituent of cytoskeleton;

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