Recombinant Human DISC1 Protein, His-tagged

Cat. No. DISC1-470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DISC1(Ser102~Cys261) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser102~Cys261
Description	This gene encodes a protein with multiple coiled coil motifs which is located in the nucleus, cytoplasm and mitochondria. The protein is involved in neurite outgrowth and cortical development through its interaction with other proteins. This gene is disrupted in a t(1;11)(q42.1;q14.3) translocation which segregates with schizophrenia and related psychiatric disorders in a large Scottish family. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	20.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

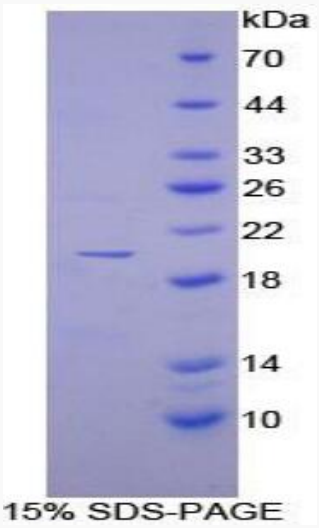
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	DISC1 disrupted in schizophrenia 1 [Homo sapiens]
Official Symbol	DISC1
Synonyms	DISC1; disrupted in schizophrenia 1; disrupted in schizophrenia 1 protein; SCZD9; C1orf136; FLJ13381; FLJ21640; FLJ25311; FLJ41105; KIAA0457;
Gene ID	27185
mRNA Refseq	NM_001012957
Protein Refseq	NP_001012975
MIM	605210
UniProt ID	Q9NRI5

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15% SDS-PAGE

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