

Recombinant Human CHD8 Protein, GST-Tagged

Cat. No. CHD8-1217H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHD8 partial ORF (NP_065971, 1980 a.a. - 2078 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the chromodomain-helicase-DNA binding protein family, which is characterized by a SNF2-like domain and two chromatin organization modifier domains. The encoded protein also contains brahma and kismet domains, which are common to the subfamily of chromodomain-helicase-DNA binding proteins to which this protein belongs. This gene has been shown to function in several processes that include transcriptional regulation, epigenetic remodeling, promotion of cell proliferation, and regulation of RNA synthesis. Allelic variants of this gene are associated with autism spectrum disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2016]
Molecular Mass	36.63 kDa
AA Sequence	EGLKLTQKHKLMANGVMGDGHPHFHKKKGNRKKLVELEVECMEEPNHLDVDLET RIPVINKVDGTLVGEDAPRRAELEMWLQGHPEFAVDPRFLAYM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
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

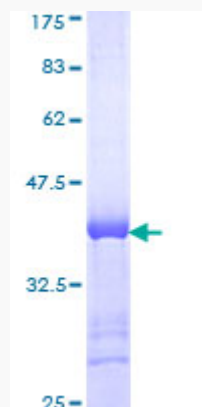
Gene Name	CHD8 chromodomain helicase DNA binding protein 8 [Homo sapiens]
Official Symbol	CHD8
Synonyms	CHD8; chromodomain helicase DNA binding protein 8; helicase with SNF2 domain 1, HELSNF1; chromodomain-helicase-DNA-binding protein 8; DUPLIN; KIAA1564; duplin; axis duplication inhibitor; ATP-dependent helicase CHD8; helicase with SNF2 domain 1; HELSNF1; DKFZp686N17164;
Gene ID	57680
mRNA Refseq	NM_001170629
Protein Refseq	NP_001164100
MIM	610528
UniProt ID	Q9HCK8

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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