

Active Recombinant Full Length Human CHD7 Protein, Flag tagged

Cat. No. CHD7-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant CHD7 protein was expressed in a baculovirus expression system as the full-length protein (accession number NP_060250.2) with an N-terminal FLAG tag.
Species	Human
Source	E.coli
ProteinLength	1-2997 aa
Description	CHD7 is one of the nine members of the chromodomain helicase DNA-binding family of ATP-dependent chromatin remodeling enzymes. CHD proteins are broadly classified into three subfamilies on the basis of their constituent domains: subfamily I (CHD1 and CHD2), subfamily II (CHD3, CHD4 and CHD5) and sub-family III (CHD6, CHD7, CHD8 and CHD9). CHD7 is the most extensively studied member of CHD subfamily III. Mutations in CHD7 give rise to CHARGE syndrome, a human condition characterized by malformation of various organs.
Molecular Mass	337.2 kDa
Purity	≥ 95%
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 centigrade to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

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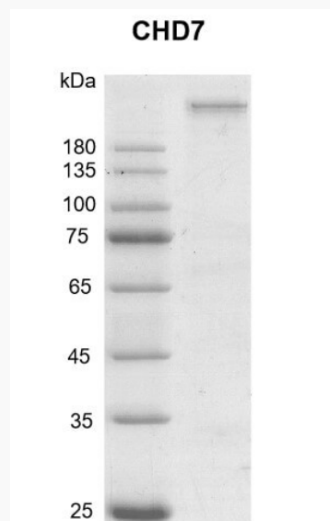
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

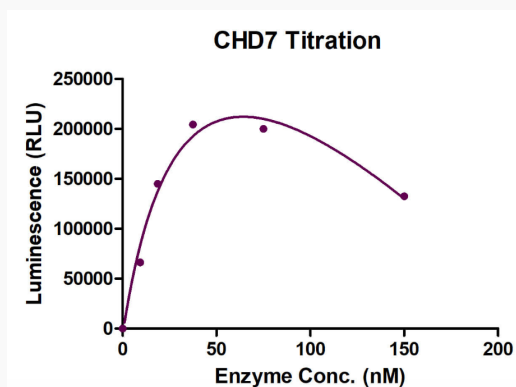
Gene Name	CHD7 chromodomain helicase DNA binding protein 7 [Homo sapiens (human)]
Official Symbol	CHD7
Synonyms	CHD7; chromodomain helicase DNA binding protein 7; CRG; HH5; IS3; KAL5; ATP-dependent chromatin remodeler CHD7; chromodomain-helicase-DNA-binding protein 7; ATP-dependent helicase CHD7; CHARGE association; chromo domain-containing protein 7; NP_001303619.1; EC 3.6.4.12
Gene ID	55636
mRNA Refseq	NM_001316690
Protein Refseq	NP_001303619
MIM	608892
UniProt ID	Q9P2D1

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SDS-PAGE



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