

## Recombinant Human CHD7 Protein, His tagged

**Cat. No.** CHD7-08H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CHD7 Protein with His tag was expressed in HEK293F.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene encodes a protein that contains several helicase family domains. Mutations in this gene have been found in some patients with the CHARGE syndrome. Two transcript variants encoding different isoforms have been found for this gene.                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MGLGKTIQSITFLYEIYLKGIHGPFLLVIAPLSTIPNWEREFRTWTELNVVVYHGSQASR<br>RTIQLYEMYFKDPQGRVIKGSYKFHAIITTFEMILTDCELRNIPWRCVVIDEAHRLKN<br>RNCKLLEGLKMMMDLEHKVLLTGTPNQNTVEELFSLHFLEPSRFPSETTFMQEFGDL<br>KTEEQVQRLQAILRPMMLRRLKEDVEKNLAPKEETIIEVELTNIQKKYYRAILEKNFTF<br>LSKGGGQANVPNLLNTMMELRKCCNHPYLINGAEEKILEEFKETHNAESPDLQQA<br>MIQAAGKLVLDKLLPKLKAGGHRVLIFSQMVRCLDILEDYLIQRRYPYERIDGRVRGN<br>LRQAIDRFSPDSDRFVLLCTRAGGLGINLTAADTCIIFDSDWNPQNDLQAQARC<br>HRIGQSKSVKIY |
| <b>Storage</b>          | Short Term Storage at +4 centigrade, Long Term Storage at -20 to -80 centigrade.<br>Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>    | 100 µg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 50mM Tris, 300mM NaCl, pH 8.0                                                                                                                                                                                                                                                                                                                                                                                                                             |

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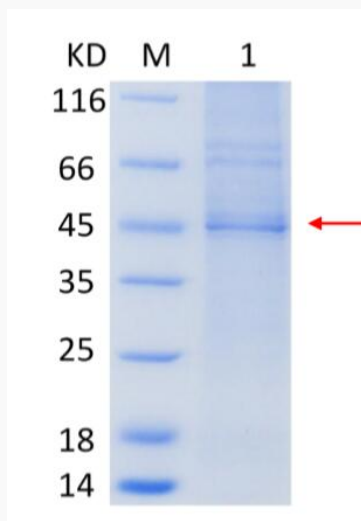
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## GENE INFORMATION

|                 |                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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; chromodomain-helicase-DNA-binding protein 7; ATP-dependent helicase CHD7; CHARGE association; EC 3.6.4.12 |
| Gene ID         | 55636                                                                                                                                                                             |
| mRNA Refseq     | NM_017780                                                                                                                                                                         |
| Protein Refseq  | NP_060250                                                                                                                                                                         |
| MIM             | 608892                                                                                                                                                                            |
| UniProt ID      | Q9P2D1                                                                                                                                                                            |

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# SDS-PAGE



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