

## Product datasheet for **TP309536L**

### **KHDC4 (NM\_014949) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human KIAA0907 (KIAA0907), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC209536 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSAGSATHPGAGGRRSKWDQPAPAPLLFLPPAAPGGEVTSSGGSPGGTTAAPSGALDAAAATAAKINAM  
L  
MAKGKLPKPTQNAEKLQAPGKGLTSNKSDDLVAEVEINDVPLTCRNLTRGQTQDEISRLSGAAVSTR  
GRFMTTEEKAKVGPGRPLYLHVQGQTRELVDRAVNRIKEIITNGVKAATGTSPTFNGATVTVYHQPAP  
IAQLSPAVSQKPPFQSGMHYVQDKLFVGLHAVPTFNVKEKVEGPGCSYLQHIQIETGAKVFLRGKSGGC  
IEPASGREAFEPMYIYISHPKPEGLAAAKKLCENLLQTVHAEYSRFVNQINTAVPLPGYTQPSAIVSVP  
QPPYPSNGYQSGYPVPPPPQPVQPPYGVPSIVPPAVSLAPGVLPALPTGVPPVPTQYPITQVQPPAST  
GQSPMGGPFIPAAPVKALPAGPQPQPQPPLPSQPQAQKRRFTEELPDERESGLLGYPHPIHMTNL  
G  
TGFSQNEIEGAGSKPASSGKERERDRQLMPPPAFPVTGIKTESDERNGSGTLTGSHDYPKKMKKTEK  
GFGLVAYAADSSDEEEHGGHKNASSFPQGWSLGYQYPSSQPRAKQMPFWMAP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 64.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

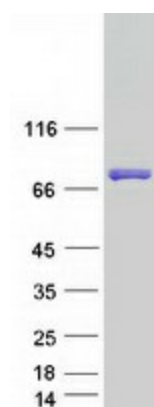
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_055764</u>
<b>Locus ID:</b>	22889
<b>UniProt ID:</b>	<u>Q7Z7F0</u>
<b>RefSeq Size:</b>	2960
<b>Cytogenetics:</b>	1q22
<b>RefSeq ORF:</b>	1842
<b>Synonyms:</b>	BLOM7; KIAA0907; SNORA80EHG
<b>Summary:</b>	RNA-binding protein involved in pre-mRNA splicing (PubMed:19641227). Interacts with the PRP19C/Prp19 complex/NTC/Nineteen complex which is part of the spliceosome (PubMed:19641227). Involved in regulating splice site selection (PubMed:19641227). Binds preferentially RNA with A/C rich sequences and poly-C stretches (PubMed:23144703). [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified KHDC4 protein (Cat# [TP309536]). The protein was produced from HEK293T cells transfected with KHDC4 cDNA clone (Cat# [RC209536]) using MegaTran 2.0 (Cat# [TT210002]).