

## Product datasheet for TP525877

### Hace1 (NM\_172473) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1 (Hace1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR225877 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MERAMEQLNRLTRSLRRARTVELPEDNETAVYTLMPMVMADQHRSVSELLSNSKFDVNYAFGRVKRSLH  
IAANCGSVECLVLLLKKGANPNYQDISGCTPLHLAARNGQKKCMSKLEYSADVNICNNEGLTAIHWLAV  
NGRTELLHDLVQHVTVDVDVEDAMGQTALHVACQNGHKTTVQCLLDGADINRPNVSGATPLYFACSHGQR  
DTAQILLLRGAKYLPDKNGVTPLDLCVQGGYGQTCEVLIQYHPRLFQTIVQMTQNEIDLRENMLRQVLQHL  
SQQSESQYLKILTGLAEVATTNGHKLLSLSSNYDAQMKSLLRIVRIFCHVFRIGPSSPSNGIDMGYNGNK  
TPRSQVFKPLELLWHSLDEWLVLIAATELMKNKEDSTDITSILLKQKGGQDQEAPSLSAFEPPGPGSYESLP  
PGPGDSKPEVLAGEQEASADCQDVISVTANRLSAVIQAFYMCCSCQMPGMTSPRFIEFVCKHDEVLKCF  
VNRNPKIIFDHFHFLLECEPELMSRFMHIIKAQPFKDRCEWFYEHLSHGQPDSDMVHRPVSSENDILLVHRD  
SIFRSSCEIVSKANCAKLGQIAVRFHGEEGMGQGVREWFILSNEIVNPDYALFTQSADGTTFPNSN  
SYVNPDLNLYFRFAGQILGLALNHRQLVNIYFTRSFYKHILGIPVNYQDVASIDPEYAKNLQWILDNDIS  
DLGLELTFVETDVFGAMEEVPLKPGGGSILVTQNNKAEYVQLVTELRMTRAIQPQINAFQGFHMFIPP  
SLIQLFDEYELELLLSGMPEIDVNDWIKNTEYTSGEREDPVIQWFWEVEDITQEERVLLLQFVTGSSR  
VPHGGFANIMGGSGLQNFIAAVPYTPNLLPTSSTCINMLKLEPEPSKEILKDRLLVALHCGSYGYTMA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	102.1 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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<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>	<a href="#">NP_766061</a>
<b>Locus ID:</b>	209462
<b>UniProt ID:</b>	<a href="#">Q3U0D9</a>
<b>RefSeq Size:</b>	3785
<b>Cytogenetics:</b>	10 B2
<b>RefSeq ORF:</b>	2730
<b>Synonyms:</b>	1700042J16Rik; A730034A22Rik; BC025474
<b>Summary:</b>	E3 ubiquitin-protein ligase involved in Golgi membrane fusion and regulation of small GTPases. Acts as a regulator of Golgi membrane dynamics during the cell cycle: recruited to Golgi membrane by Rab proteins and regulates postmitotic Golgi membrane fusion. Acts by mediating ubiquitination during mitotic Golgi disassembly, ubiquitination serving as a signal for Golgi reassembly later, after cell division. Specifically interacts with GTP-bound RAC1, mediating ubiquitination and subsequent degradation of active RAC1, thereby playing a role in host defense against pathogens (By similarity). May also act as a transcription regulator via its interaction with RARB.[UniProtKB/Swiss-Prot Function]