

Product datasheet for **MG200713**

Hypk (NM_026318) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hypk (NM_026318) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Hypk
Synonyms: 2310003F16Rik; HSPC136
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200713 representing NM_026318
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGCGCGCGGGTGAGATCGAAATGGCGACCGAGGGAGACGTGGAGTTGGAGTTAGAGACCGAGACCA
GCGGCCCGGAGCGGCCTCCCGAGAAGCCAAGGAAACATGACAGTGGTGTCTGCTGACCTAGAGCGGGTTAC
TGACTATGCGGAGGAGAAGGAGATCCAGAGTTCGAATCTTGAACGGCTATGTCCGTCATTGGAGACAGA
CGGTCCAGGGAACAAAAGCCAAACAAGAGCGGGAGAAGGAAGTGGCGAAGGTCCTACTATCAAGAAGGAAG
ATCTGGAGTTGATAATGACGGAAATGGAGATCTCTCGAGCAGCAGCAGAAAGGAGCTTGAGGGAACACAT
GGCAATGTGGTGGAGGCTCTTATTGCCCTAACCAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200713 representing NM_026318
Red=Cloning site Green=Tags(s)

MRRRGEIEMATEGDVELELETETSGPERPPEKPRKHDSGAADLERVTDYAEKEIQSSNLETAMSVIGDR
RSREQKAKQEREKELAKVTIKKEDLELIMTEMEISRAAAERSLREHMGNVVEALIALTN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



[View online »](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_026318.3
RefSeq Size:	590 bp
RefSeq ORF:	390 bp
Locus ID:	67693
UniProt ID:	Q9CR41
Cytogenetics:	2 E5
Gene Summary:	Has a chaperone-like activity preventing polyglutamine (polyQ) aggregation of HTT. Protects against HTT polyQ-mediated apoptosis in neuronal cells. Required for optimal NAA10-NAA15 complex-mediated N-terminal acetylation (By similarity).[UniProtKB/Swiss-Prot Function]