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Product datasheet for SC122845

HYPK (NM_016400) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HYPK (NM_016400) Human Untagged Clone
Tag:	Tag Free
Symbol:	HYPK
Synonyms:	C15orf63; HSPC136
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_016400 edited
AGAAGGCCTCGCACAAAACACTGTACAAACCCGAAAGGAAGTCTGAGAGACGAACCGCCT
TCCTCCCTGAAGCTTCTAGAACTGGAGCAGAAAGAAGGTGTGGCCCAGGGCCAGCCCCGC
CTCCTCCCCGGGCGGAAGCTGTGTCAGTTGCCGGAAGTCGGCGTGAGGTGGGGCTTATGC
GGCGGCGTGGTGAAATAGATATGGCGACCGAGGGGGATGTGGAGCTGGAGTTGGAGACTG
AGACCAGTGGACCAGAGCGGCCTCCGGAGAAGCCACGGAAACATGACAGCGGTGCGGCGG
ACTTGGAGCGGGTCACCGACTATGCAGAGGAGAAGGAGATCCAGAGTTCCAATCTGGAGA
CGGCCATGTCTGTGATTGGAGACAGAAGGTCCCGGGAGCAGAAAGCCAAACAGGAGCGGG
AGAAAGAACTGGCAAAAGTCACTATCAAGAAGGAAGATCTGGAGCTAATAATGACTGAGA
TGGAGATATCTCGAGCAGCAGCAGAACGCAGTTTGCGGGAACACATGGGCAACGTGGTAG
AGGCGCTTATTGCCCTAACCAACTGATGCGTGCTTTCTCAAATATACCTACTGGATTAAT
TTATGGCAATAAAATTTTTTTTTGTCTTTTTCAGTTTTATCATCTTGGGTCAAGTAGAGT
GTATACTATATCCTATGTTGTGGAGAATTTATATGTTGGAGACTAACTGAATTTAAGTGA
CCCATTAAAATCTAGCACACCTGTATGAAAAATCAGTGTAGAAGAATACCTCATGTGCAG
ATGCTAGGTGGCAGGCCAGTCTCATTCATCTGACTAGCTCTCAACAGTATTCAAGGTACA
TCTGGAGTCTCAGCAGAGTTACTGTACTCAAATGGCATGTGTCTCCAAGACAGCTTATGA
ATATCTAAAAGGCCAGCTACCTGCCTAGGAGCCACTATATATATAGATAGATGTAGGTTA
TGAACCCAGTTCATAGGCCACCTTGAGTTAGAATTTTGGTACCTACAACATGCTTGATTT
TGAGTGATTAAAAAAAAATAATTTGGCTGGGTGCTGTGGCTCACGCCTCTAATCCCAGCA
CTTTGGGAGGTCGAGGCAGGTAGATCACGAGGTCAGGAATTCAAGACCAGCCTGGCCAAC
ATGTGAAACCCCGTCTCCACTGAAAATAGAAAAATTAGCTGGGCATGGTGGTGGGCGCCT
ATAATCCCAGCTATTCTGGAGGCTGAGGCAGGAATCGCTTGAAATTGGAAAGCAGAGGTT
GCAGTGAGCTGAGATCACACTACTGTACTACTGTACTCCAGCCTGGGGGAAAGAGTGAAA
CTCCATCTCAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016400 unedited
NAAGTGCCGTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGAGA
AGGCCTCGCACAAAACACTGTACAAACCCGAAGGAAGTCTGAGAGACGAACCGCCTTCCT
CCCTGAAGCTTCTAGAACTGGAGCAGAAAGAAGGTGTGGCCCAGGGCCAGCCCCGCCTCC
TCCCCGGGCGGAAGCTGTGTCAGTTGCCGGAAGTCGGCGTGAGGTGGGGCTTATGCGGCG
GCGTGGTGAAATAGATATGGCGACCGAGGGGGATGTGGAGCTGGAGTTGGAGACTGAGAC
CAGTGGACCAGAGCGGCCTCCGGAGAAGCCACGGAAACATGACAGCGGTGCGGCGGACTT
GGAGCGGGTCACCGACTATGCAGAGGAGAAGGAGATCCAGAGTTCCAATCTGGAGACGGC
CATGTCTGTGATTGGAGACAGAAGGTCCCGGGAGCAGAAAGCCAAACAGGAGCGGGAGAA
AGAACTGGCAAAAGTCACTATCAAGAAGGAAGATCTGGAGCTAATAATGACTGAGATGGA
GATATCTCGAGCAGCAGCAGAACGCAGTTTGCGGGAACACATGGGCAACGTGGTAGAGGC
GCTTATTGCCCTAACCAACTGATGCGTGCTTTCTCAAATATACCTACTGGATTAATTTAT
GGCAATAAAATTTTTTTTTGTCTTTTTCAGTTTTATCATCTTGGGTCAAGTAGAGTGTAT
ACTATATCCTATGTTGTGGAGAATTTATATGTTGGAGACTAACTGAATTTAAGTGACCCA
TTAAAATCTAGCACACCTGTATGAAAAATCAGTGTAGAAGAATACCTCATGTGCAGATGC
TAGGTGGCAGGCCAGTCTCATTCATCTGACTAGCTCTCACAGTATTCAAGG

Restriction Sites: Please inquire

ACCN: NM_016400

Insert Size: 1349 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:
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_016400.2, NP_057484.3

RefSeq Size: 1349 bp

RefSeq ORF: 390 bp

Locus ID: 25764

UniProt ID: Q9NX55

Cytogenetics: 15q15.3

Gene Summary: Has a chaperone-like activity preventing polyglutamine (polyQ) aggregation of HTT. Protects against HTT polyQ-mediated apoptosis in Neuro2a neuronal cells. Required for optimal NAA10-NAA15 complex-mediated N-terminal acetylation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).