

Product datasheet for **SC329588**

HYPK (NM_001199885) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HYPK (NM_001199885) Human Untagged Clone
Tag:	Tag Free
Symbol:	HYPK
Synonyms:	C15orf63; HSPC136
Vector:	pCMV6-Entry (PS100001)
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001199885
Insert Size:	246 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:	<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_001199885.1
RefSeq Size:	1295 bp
RefSeq ORF:	246 bp
Locus ID:	25764
UniProt ID:	Q9NX55
Cytogenetics:	15q15.3



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MW: 9.1 kDa

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 (2) lacks an alternate exon resulting in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (2) has a distinct and shorter C-terminus, compared to isoform 1.