

## Product datasheet for MC212524

### Hsh2d (NM\_197944) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hsh2d (NM_197944) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hsh2d
Synonyms:	ALX; Hsh2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212524 representing NM_197944 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGCAGAAGCCAGGAGGCTGCCCCACCACTACCTCCTCGGCTGGACTGGTTTGTGCACACCCAGGCGGACCTGCTAGCCAATCCGGGATCCCGAGTGGTCCATGGCACCATCTCCGAGAGGCTGCTGAGAACATGTTGGAGTCACAACCCCTGGGGACTTTTCTTATCCGAGTCAGCCACAGCCATGTGGGCTACACCCTTTCTACAAAGCCCAGACTTGCTGCCGTCACCTCATGGTGAACTTTCAGAAGATGGGACTTGTGCCTTCGCTGGGACCACATGACCCACGCCTCTGTCATGCCCTGGTCACCTTCCACCAACAAAAGCCTATTCGGCCATTCCGGGAGCTGTTGACCCAGGCCTGCGGGCAGGAGGATCCAGCAAACGTGGACTATGAGGATCTTCTCTACTCAAATGCCCTGGTTCAGGATGCTGAAAGCCAAATTCGAGAACGGAAGTCAAAGGCTTCTCCTGCCACCTGAGGAGGCTTCTGAAAGGAAGCCATCCACAACAATAAAGGAGAATTTCGATCAGCTTCTGCTCCAAAAGCCCTTTTCGAGGATTCTGGACAGAACTGTGGAAGAACCTGAGGTCCCTACCTCAGACTAGCCAGAGGTGAAACAGCGACTCACTTACACCTGTTGGCCATGAACCTGCTGGGGGATGCCAGGCAAGTGCAGAGCAGCACCAGCCCTGTGACTCGAGCATTAGTTGGGACAGTACTAGCCACTCCGAGGACTCCTGTGCAGCCACCACGTCTCTTCAAACCCCTGCAGAACCCAGGCCCTGAGAGGCAGAGAAGCCACCTTCAGGACTCCAGGCCTGCCAGCTGGAGGAAGCATTCTCAGGGGTCAAAGCCTGGCGTGAAAGGTGGTAAGGCCCTGTACAGCCAGGAGCCTGTGGACTTCCAGAAGCCAGGGCTGGTTGCCTGAGGAATACCTTCCACCACCACCTTTCGCCCTGGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_197944
<b>Insert Size:</b>	1005 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_197944.1</a> , <a href="#">NP_922935.1</a>
<b>RefSeq Size:</b>	1225 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	209488
<b>UniProt ID:</b>	<a href="#">Q6VYH9</a>
<b>Cytogenetics:</b>	8 B3.3
<b>Gene Summary:</b>	Adapter protein involved in tyrosine kinase and CD28 signaling (By similarity). May be a modulator of the apoptotic response through its ability to affect mitochondrial stability. [UniProtKB/Swiss-Prot Function]