

Product datasheet for TP520153

Sohlh1 (NM_001001714) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse spermatogenesis and oogenesis specific basic helix-loop-helix 1 (Sohlh1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220153 protein sequence Red =Cloning site Green =Tags(s) MASGGHERANEDYRVSGITGCSKTPQPETQDSLQTSQSSALCTAPVAAANLGPSLRRNVVSEERRRRRI SLSCEHLRALLPQFDGRREDMASVLEMSVYFLQLAHSMDPSWEQLSVPQPPQEMWHMWQGDVQLVQLANQ IADSKPDSGIAKPSAVSRVQDPPPCFGMLDLDQSQATERESESELLERPSSCPGHRQSALSFSPESSSLGPG LPPWIPHSWQPATPEASDIVPGGSHQVASLAGDPESGMLAEANLVLASVPDARYTTGAGSDVVDGAPF LMTTNPDWLGSVEGRGGPALARSSPVDGAEPSFIGDPELCSQELQAGPGELWGLDFGSPGLALKDEADS IFPDFFP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	38.2 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001001714
Locus ID:	227631
UniProt ID:	Q6IUP1



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RefSeq Size: 1314

Cytogenetics: 2 A3

RefSeq ORF: 1074

Synonyms: Gm110; Nohlh

Summary: Transcription regulator of both male and female germline differentiation. Suppresses genes involved in spermatogonial stem cells maintenance, and induces genes important for spermatogonial differentiation (PubMed:22056784). Coordinates oocyte differentiation without affecting meiosis I (PubMed:28504655).[UniProtKB/Swiss-Prot Function]