

Product datasheet for **TP509628**

Hps1 (BC089331) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Hermansky-Pudlak syndrome 1 homolog (human) (cDNA clone MGC:102063 IMAGE:6848298), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209628 protein sequence Red =Cloning site Green =Tags(s) MKCVLVATEGAEVLFYWTDDEEFAESRLKLQQSEDEEEELPVLEDQLSTLLAPVISSMTMMEKLSDTYT CFSTENDNHLYVLHLFGEYLFVAINGDHSESEGLRRKFCVLKYLFEVHFGLVTDGQLIRKELRPPDLE ERARVWKHFQRLGTYSLRDREQSFAVEAVERLIHPQLCEQSIETLERHVVQAINASPERGGEEVLHAF LLVHCKLLAFYSGHGASTLRPADLLALILLVQDLQSPGTTTEEEEDSDSPQRRPKSSQNIPVQQARS QSTSVPTRSSRETDTDSISLPEEYFTPAPSPGDQSSGSLVWLDGGTPPSDALQMAEDTPEGLASHPELP SPRIFLDANIKENYCPLVPHTMYCLPLWPGINMVLTKSPSTPLALILYQLLDGFSLLEKKLKEGQEA SALRSQPFVADLRQKMDKFIKNRVGQEIQNTWLEFKSKAFSRSEPGSSWELLQVCGKLKRQLCVIYRLSF LVTAPSRGGPHLPQHLQDRAQKLMKERLLDWKDFLLVKSRRNVTMSYLEDFPGLVHFIYVDRTTGQMV A PSLSPNEKMSELGKGPLAAFVKAKVWALVRLARRYLQKGCTTLFQEGDFRCSYFLWFENDMVGVP SLWAGRS TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	71.9 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.


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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	192236
UniProt ID:	<u>O08983</u>
RefSeq Size:	4235
Cytogenetics:	19 36.56 cM
RefSeq ORF:	1902
Synonyms:	6030422N11Rik; BB405864; ep; Gm21361; Hps
Summary:	Component of the BLOC-3 complex, a complex that acts as a guanine exchange factor (GEF) for RAB32 and RAB38, promotes the exchange of GDP to GTP, converting them from an inactive GDP-bound form into an active GTP-bound form. The BLOC-3 complex plays an important role in the control of melanin production and melanosome biogenesis and promotes the membrane localization of RAB32 and RAB38.[UniProtKB/Swiss-Prot Function]