

Product datasheet for PH306816

HSH2D (NM_032855) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSH2D MS Standard C13 and N15-labeled recombinant protein (NP_116244)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206816
Predicted MW:	39 kDa
Protein Sequence:	>RC206816 protein sequence Red=Cloning site Green=Tags(s) MTEAGKLPLPLPRLDWFVHTQMGQLAQDGVPEWFHGAI SREDAENLLESQPLGSFLIRVSHSHVGYTLS YKAQSSCCHFVMKLLDDGTFMIPGEKVAHTSLDALVTFHQQKPIEPRELLTQPCRQKDPANVDYEDLFL YRNAVAEEAACPVSAPEEASPKPVLCHQSKERKPSAEMNRITTKSATSSCPPKSPLGETRQKLWRSKML PERGQVRVQQLKSHLATVNLSSLLDVRRTVISGPGTGKGSQDHS GDPTSGDRGYTDP CVATSLKSPSQP QAPKDRKVPTRKAERSVSCIEVTPGDRSWHQMVVRLSSQESKPEHQGLAEPENDQLPEEYQQPPFPAPG YC TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_116244
RefSeq Size:	2403
RefSeq ORF:	1056
Synonyms:	ALX; HSH2
Locus ID:	84941



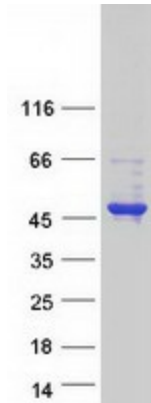
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UniProt ID: [Q96JZ2](#)

Cytogenetics: 19p13.11

Summary: T-cell activation requires 2 signals: recognition of antigen by the T-cell receptor (see TCR; MIM 186880) and a costimulatory signal provided primarily by CD28 (MIM 186760) in naive T cells. HSH2 is a target of both of these signaling pathways (Greene et al., 2003 [PubMed 12960172]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified HSH2D protein (Cat# [TP306816]). The protein was produced from HEK293T cells transfected with HSH2D cDNA clone (Cat# [RC206816]) using MegaTran 2.0 (Cat# [TT210002]).