

Recombinant Human DAB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DAB1-2325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DAB1 MS Standard C13 and N15-labeled recombinant protein (NP_066566) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The laminar organization of multiple neuronal types in the cerebral cortex is required for normal cognitive function. In mice, the disabled-1 gene plays a central role in brain development, directing the migration of cortical neurons past previously formed neurons to reach their proper layer. This gene is similar to disabled-1, and the protein encoded by this gene is thought to be a signal transducer that interacts with protein kinase pathways to regulate neuronal positioning in the developing brain.
Molecular Mass	59.8 kDa
AA Sequence	MSTETELQVAVKTSAKKDSRKKGQDRSEATLIKRFKGEGVRYKAKLIGIDEVSAARG DKLCQDSMMKLKGVVAGARSKGEHKQKIFLTISFGGIKIFDEKTGALQHHHNAVHEISY IAKDITDHRAFGYVCGKEGNHRFVAIKTAQAAEPVILDLRDLFQLIYELKQREELEKKA QKDKQCEQAVYQTILEEDVEDPVYQYIVFEAGHEPIRDPETEENIYQVPTSQKKEGV YDVPKSQPVSAVTQLELFGDMSTPPDITSPPTPATPGDAFIPSSSQTLPASADVFS VPFGTAAVPSGYVAMGAVLPSFWGQQPLVQQQMVMGAQPPVAQVMPGAQPIAW GQPGLFPATQQPWPTVAGQFPFAAFMPTQTMPLPAAMFQGPLTPLATVPGTSDS

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TRSSPQTDKPRQKMGKETFKDFQMAQPPPVPSRKPDQPSLTCTSEAFSSYFNKVG
VAQDTDDCDDFDISQLNLTPVTSTTPSTNSPPTAPRQSSPSKSSASHASDPTTDDI
FEEGFESPSKSEEQEAPDGSQASSNSDPFGEPSPGSGDNISPQAGSTRTRPLEQ
KLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DAB1 DAB adaptor protein 1 [Homo sapiens (human)]

Official Symbol DAB1

Synonyms DAB1; disabled homolog 1 (Drosophila); disabled (Drosophila) homolog 1; disabled homolog 1;

Gene ID 1600

mRNA Refseq NM_021080

Protein Refseq NP_066566

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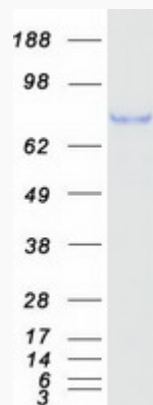
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MIM 603448

UniProt ID O75553

SDS-PAGE



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