

Product datasheet for PH306104

RASSF8 (NM_007211) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RASSF8 MS Standard C13 and N15-labeled recombinant protein (NP_009142)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206104
Predicted MW:	45.4 kDa
Protein Sequence:	>RC206104 protein sequence Red=Cloning site Green=Tags(s)

MELKVVWDGVRIVCGVTEVTTCCQEVVIALAQAI GRTGRYTLIEKWRDTERHLAPHENPIISLNKYGQYA
SDVQLILRRTGPSLSERPTSDSVARIPERTLYRQSLPPLAKLRPQIDKSIKRREPKRKSLTFTGGAKGLM
DIFGKGKETEFKQKVLNCKTTADELKKLIRLQTEKLQSIEKQLESNEIEIRFWEQKYNLSNEEEIVRLE
QKIKRNDVEIEEEEFWENELQIEQENKQLKDQLQEIRQKITECENKLDYLAQIRTMESGLEAEKLRQRE
VQEAQVNEEEVKGKIGKVKGEIDIQGQQLRLENGIKAVERSLGGQATKRLQDKEQLEQLTKELRQVNLQ
QFIQQTGKVTVLPAPVIEIEASHADIERGIIILSDKQECKD

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:	<u>NP_009142</u>
RefSeq Size:	2333
RefSeq ORF:	1176
Synonyms:	C12orf2; HOJ1
Locus ID:	11228



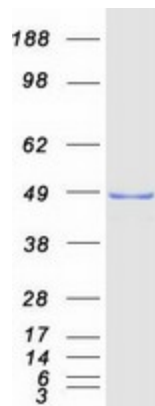
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UniProt ID: [Q8NHQ8](#)

Cytogenetics: 12p12.1

Summary: This gene encodes a member of the Ras-association domain family (RASSF) of tumor suppressor proteins. This gene is essential for maintaining adherens junction function in epithelial cells and has a role in epithelial cell migration. It is a lung tumor suppressor gene candidate. A chromosomal translocation t(12;22)(p11.2;q13.3) leading to the fusion of this gene and the FBLN1 gene is found in a complex type of synpolydactyly. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]

Product images:



Coomassie blue staining of purified RASSF8 protein (Cat# [TP306104]). The protein was produced from HEK293T cells transfected with RASSF8 cDNA clone (Cat# [RC206104]) using MegaTran 2.0 (Cat# [TT210002]).