

Product datasheet for PH306943

TSPAN12 (NM_012338) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TSPAN12 MS Standard C13 and N15-labeled recombinant protein (NP_036470)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206943
Predicted MW:	35.4 kDa
Protein Sequence:	>RC206943 protein sequence Red =Cloning site Green =Tags(s) MAREDSVKCLRCLLYALNLLFWLMSISVLAVSAWMRDYLNNVLTTLTAETRVEEAVISTYFPVHPVMIAY CCFLIIVGMLGYCGTVKRNLLLLAWYFGSLLVIFCVELACGVWTYEQELMVPVQWSDMVTLKARMTNYGL PRYRWLTHAWNFFQREFKCCGVVYFTDWLEMTMDWPPDSCCVREFPGCSKQAHQEDLSDLYQEGCGKKM YSFLRGTKQLQVLRFLGISIGVTQILAMILTITLLWALYDRREPGTDQMMSLKNDSQHLSCPSVELLK PSLSRIFEHTSMANSFNTHFEMEEL TRTRP LEQKLI SEEDLA ANDILDYKDDDDKV
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_036470</u>
RefSeq Size:	2579
RefSeq ORF:	915
Synonyms:	EVR5; NET-2; NET2; TM4SF12
Locus ID:	23554



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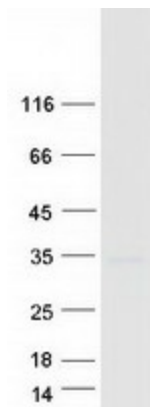
UniProt ID: [O95859](#), [A0A024R740](#)

Cytogenetics: 7q31.31

Summary: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TSPAN12 protein (Cat# [TP306943]). The protein was produced from HEK293T cells transfected with TSPAN12 cDNA clone (Cat# [RC206943]) using MegaTran 2.0 (Cat# [TT210002]).