

Product datasheet for PH301167

TNFRSF14 (NM_003820) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNFRSF14 MS Standard C13 and N15-labeled recombinant protein (NP_003811)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201167
Predicted MW:	30.4 kDa
Protein Sequence:	>RC201167 protein sequence Red=Cloning site Green=Tags(s)
	MEPPGDWGPPWRSTPRTDVLRLLVLYLTFLGAPCYAPALPSCKEDEYPVGSECCPKCSPGYRKEACGEL TGTVCEPCPPGTYYIAHLNGLSKCLQCQMCDPAMGLRASRNCSTRTEAVCGCSPGHFCIVQGDHCAACRA YATSSPGQRVQKGGTESQDTLCQNCPPGTFSPNGTLEECQHQTCKSWLVTKAGAGTSSSHWVWFLSGSL VIVIVCSTVGLIICVKRRKPRGDVVKVIVSVQRKRQEAEGEATVIEALQAPPDVTTVAVEETIPSFTGRS PNH
	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_003811</u>
RefSeq Size:	3519
RefSeq ORF:	849
Synonyms:	ATAR; CD270; HVEA; HVEM; LIGHTR; TR2
Locus ID:	8764



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UniProt ID: [Q92956](#), [A0A024R052](#)

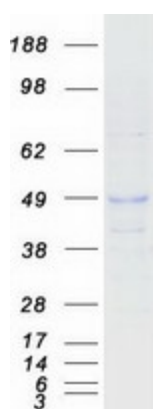
Cytogenetics: 1p36.32

Summary: This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified TNFRSF14 protein (Cat# [TP301167]). The protein was produced from HEK293T cells transfected with TNFRSF14 cDNA clone (Cat# [RC201167]) using MegaTran 2.0 (Cat# [TT210002]).