

Product datasheet for AR51790PU-S

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OriGene Technologies, Inc.

CD9 (112-195, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: CD9 (112-195, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSSHKDEVI KEVQEFYKDT YNKLKTKDEP QRETLKAIHY

or AA Sequence: ALNCCGLAGG VEQFISDICP KKDVLETFTV KSCPDAIKEV FDNKFHI

Tag: His-tag
Predicted MW: 12 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffer saline (pH 7.4) containing 20% glycerol, 1mM DTT.

Preparation: Liquid purified protein

Protein Description: Recombinant human CD9, fused to His-tag at N-terminus, was expressed in E.coli and

purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: <u>NP 001317241</u>

Locus ID: 928

UniProt ID: <u>P21926</u>, <u>A6NNI4</u>

Cytogenetics: 12p13.31

Synonyms: BTCC-1; DRAP-27; MIC3; MRP-1; TSPAN-29; TSPAN29





Summary: This gene encodes a member of the transmembrane 4 superfamily, also known as the

tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell

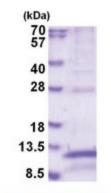
motility and metastasis. [provided by RefSeq, Jan 2011]

Protein Families: Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS,

Transmembrane

Protein Pathways: Hematopoietic cell lineage

Product images:



15% SDS-PAGE (3ug)