PRODUCT INFORMATION

Target	CD9
Synonyms	BTCC-1;DRAP-27;MIC3;MRP-1;TSPAN-29;TSPAN29
Description	Recombinant human CD9 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P21926
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD9(Ser112-Ile195) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 10.5 kDa after removal of the signal peptide. The apparent molecular mass of CD9-His is approximately 10-15 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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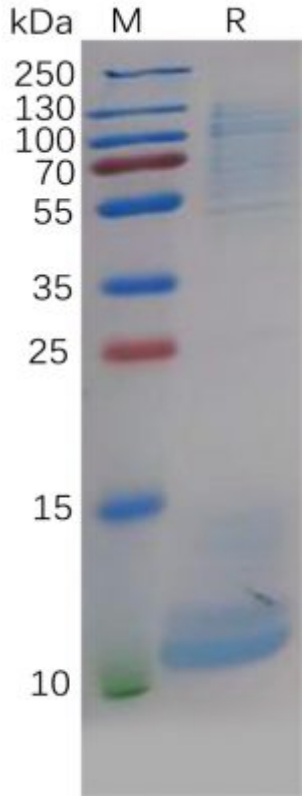


Figure 1. Human CD9 Protein, His Tag on SDS-PAGE under reducing condition.

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