

## Product datasheet for **AR51964PU-S**

### CD144 / Cadherin-5 (25-599, His-tag) Mouse Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CD144 / Cadherin-5 (25-599, His-tag) mouse protein, 20 µg
Species:	Mouse
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	GPNFPQIDTP NMLPAHHRQK RDWIWNQMHI DEEKNESLPH YVGKIKSNVN RQNAKYVLQG EFAGKIFGVD ANTGNVLAYE RLDREKVSEY FLTALIVDKN TNKNLEQSS FTVKVHDIND NWPVFSHQVF NASVPEMSAI GTSVIRVTAV DADDPTVAGH ATVLYQIVKG NEYFSIDNSG LIFTKIKNLD REKQAEYKIV VETQDALGLR GESGTATVMI RLEDINDNFP VFTQSTYTFV VPEDIRVGGP LGFLTVDPD EPQNRMTKYS IMQGEYRDTF TIETDPKRNE GIIKPTKSLD YEVIQQYTFY IEATDPTIRY EYLSSTSGKN KAMVTINVLD VDEPPVFQRH FYHFKLPENQ KKPLIGTVVA KDPDKAQRSI GYSIRKTSRDR GQFFRITKQG NIYNEKELDR ETYAWYNLTV EANELDSRGN PVGKESIVQV YIEVLDENDN PPEFAQPYEP KVCENAAQGK LVVQISATDK DVVPVNPVKF FALKNEDSNF TLINNHNTA NITVKYGFQFN REHAKFHLYP VLISDNGVPS LTGTSTLTVG VCKCNEQGEF TFCEEMAAQA GVSQLEHHH HHH
Tag:	His-tag
Predicted MW:	66.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
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><a href="#">NP_033998</a></u>
Locus ID:	12562



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UniProt ID:	<a href="#">P55284</a>
Cytogenetics:	8 53.04 cM
Synonyms:	7B4; AA408225; Cd144; VE; VE-C; VE-Cad; Vec; VEcad; VECD
Summary:	This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion and regulate many morphogenetic events during development. The encoded preproprotein is further processed to generate a mature protein. Mice lacking the encoded protein die in utero due to vascular insufficiency, caused by increased endothelial apoptosis. Multiple distinct genes of the cadherin family, including this gene, are found on chromosome 8. [provided by RefSeq, Oct 2015]

### Product images:

