

## Product datasheet for **AR52054PU-S**

### CD142 / Tissue factor (29-251, His-tag) Mouse Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	CD142 / Tissue factor (29-251, His-tag) mouse protein, 50 µg
<b>Species:</b>	Mouse
<b>Expression cDNA Clone or AA Sequence:</b>	ADPAGIPEKA FNLTWISTDF KTILEWQPKP TNYTYTVQIS DRSRNWKNKC FSTTDTECDL TDEIVKDVTW AYEAKVLSVP RRNSVHGDGD QLVIHGEEPP FTNAPKFLPY RDTNLGQPVI QQFEQDGRKL NWWVKDSLTL VRKNGTFLTL RQVFGKDLGY IITYRKGSSST GKKTNITNTN EFSIDVEEGV SYCFFVQAMI FSRKTNQNSP GSSTVCTEQW KSFLGEHHHH HH
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	26.4 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Endotoxin:</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Preparation:</b>	Liquid purified protein
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_034301</a>
<b>Locus ID:</b>	14066
<b>UniProt ID:</b>	<a href="#">P20352</a> , <a href="#">A0A0R4J088</a>
<b>Cytogenetics:</b>	3 52.94 cM
<b>Synonyms:</b>	AA409063; CD142; Cf-3; Cf3; TF



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**Summary:**

This gene encodes a membrane-bound glycoprotein that forms the primary physiological initiator of the blood coagulation process following vascular damage. The encoded protein binds to coagulation factor VIIa and the ensuing complex catalyzes the proteolytic activation of coagulation factors IX and X. Mice lacking encoded protein die in utero resulting from massive hemorrhaging in both extraembryonic and embryonic vessels. A severe deficiency of the encoded protein in mice results in impaired uterine homeostasis, shorter life spans due to spontaneous fatal hemorrhages and cardiac fibrosis. [provided by RefSeq, Aug 2015]

**Product images:**