Recombinant Cattle ITGA2 protein, His-tagged

Cat. No. ITGA2-5835C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle ITGA2 aa. (Leu106~Gly302) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Leu106~Gly302
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.1KDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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	-80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	ITGA2 integrin subunit alpha 2 [Bos taurus (cattle)]
Official Symbol	ITGA2
Synonyms	CD49 antigen-like family member B; GPIa; VLA-2 alpha chain; VLA-2 subunit alpha; collagen receptor; integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor); platelet membrane glycoprotein Ia; integrin alpha-2
Gene ID	281872
mRNA Refseq	NM_001166499.1
Protein Refseq	NP_001159971.1
UniProt ID	F1MBA3

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