

Recombinant Canine EFNB2, Fc tagged

Cat. No. EFNB2-175C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine EFNB2 (B0LDS6) (Met1-Ala229), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Canine
Source	Human Cells
ProteinLength	1-229 a.a.
Predicted N Terminal	Ile 28
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant canine EFNB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 443 amino acids and has a predicted molecular mass of 49.2 kDa. The apparent molecular mass of the protein is approximately 58 and 35 kDa in SDS-PAGE under redu
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(93.5±2.7) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

EFNB2 ephrin-B2 [*Canis lupus familiaris* (dog)]

Official Symbol

EFNB2

Gene ID

611745

mRNA Refseq

NM_001114296

Protein Refseq

NP_001107768

**Chromosome
Location**

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