

Recombinant Canine LOC608458, Fc tagged

Cat. No. EFNA5-317C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine LOC608458 (XP_850582.2) (Met1-Asn203), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Canine
Source	Human Cells
ProteinLength	1-203 a.a.
Predicted N Terminal	Gln 21
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 EFNA5/Fc is a disulfide-linked homodimer. The reduced monomer comprises 424 amino acids and has a predicted molecular mass of 48.2 kDa. The apparent molecular mass of the protein is approximately 55-60 kDa in SDS-PAGE under reducing
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % 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**

[LOC608458?ephrin-A5-like \[?Canis lupus familiaris?\(dog\) \]](#)

Official Symbol

LOC608458

Gene ID

[608458](#)

mRNA Refseq

[XM_845489](#)

Protein Refseq

[XP_850582](#)

**Chromosome
Location**

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