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## Datasheet for ABIN1343998 Mup20 Protein (AA 20-181)

### Overview

Quantity:	10 µg
Target:	Mup20 (MUP20)
Protein Characteristics:	AA 20-181
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

### Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Darcin (mouse) (aa 20-181) is untagged.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

### Target Details

Target:	Mup20 (MUP20)
Alternative Name:	Darcin ( <a href="#">MUP20 Products</a> )
Background:	Darcin (also called Mup20) belongs to the family of major urinary proteins (MUPs), a subfamily of proteins found in abundance in the urine. Like all MUPs, Darcin is a member of the lipocalin family of ligand-binding proteins, and preferentially binds the volatile pheromone (S)-2-sec-butyl-4,5-dihydrothiazole (SBT). Darcin is present in the urine of male and acts as a sex

## Target Details

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pheromone that elicits female sexual attraction to a male's urine scent. Recombinant Darcin shows similar activity compared to natural Darcin.

Molecular Weight: ~17kDa (SDS-PAGE)

UniProt: [Q5FW60](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitute with 100 µL sterile distilled water.

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months