

Native Human Lactoferrin protein ab90354

Description

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| Product name | Native Human Lactoferrin protein |
| Purity | > 95 % SDS-PAGE. |
| Expression system | Native |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Native |
| Species | Human |

Specifications

Our **Abpromise guarantee** covers the use of **ab90354** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| Applications | SDS-PAGE |
| Form | Liquid |

Preparation and Storage

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| Stability and Storage | Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 1.58% Tris HCl, 1.74% Sodium chloride |
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General Info

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| Function | <p>Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate.</p> <p>Lactotransferrin has antimicrobial activity which depends on the extracellular cation concentration. Lactoferroxins A, B and C have opioid antagonist activity. Lactoferroxin A shows preference for mu-receptors, while lactoferroxin B and C have somewhat higher degrees of preference for kappa-receptors than for mu-receptors.</p> <p>The lactotransferrin transferrin-like domain 1 functions as a serine protease of the peptidase S60 family that cuts arginine rich regions. This function contributes to the antimicrobial activity.</p> |
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|------------------------------|--|
| Sequence similarities | Belongs to the transferrin family. Contains 2 transferrin-like domains. |
| Cellular localization | Secreted. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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