

Product datasheet

Recombinant Human Lubricin/MSF protein ab153060

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human Lubricin/MSF protein
Expression system	Wheat germ
Accession	<u>NP_005798</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ERAIGPSQTHTIRIQYSPARLAYQDKGVLHNEVKVSILWRGL PNVVTSAL SLPNIRKPDGYDYAFSKDQYYNIDVPSRTARAITTRSGQTL SKVWYNCP
Predicted molecular weight	37 kDa including tags
Amino acids	1305 to 1404
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab153060** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	This product was previously labelled as Lubricin.

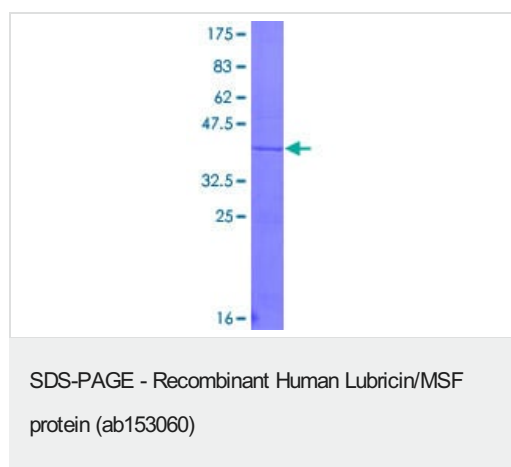
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Relevance	28484 is a glycoprotein encoded by the PRG4 gene. It has been identified as a component of joint lubrication and synovial homeostasis by reducing friction in joints and preventing synovial cell overgrowth. It is a large, water soluble molecule that acts as a carrier for insoluble surface-active phospholipid (SAPL). Depletion of 28484 function has been associated with camptodactyly-arthropathy-coxa vara-pericarditis syndrome (CACP), an arthritic-like autosomal recessive disorder.
Cellular localization	Secreted

Images



ab153060 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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- Replacement or refund for products not performing as stated on the datasheet
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