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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NRP1 (Human) Recombinant Protein

at 5 ug/mL.

Catalog Number: P9739**Regulation Status:** For research use only (RUO)**Product Description:** Human NRP1 (NP_001019799.1, 22 a.a. - 644 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.**Sequence:**FRNDKCGDTIKIESPGYLTSPGYPHSYHPSEKCEWLIQ
APDPYQRIMINFNPHFDLEDRDCKYDYVEVFDGENEN
GHFRGKFCGKIAPPPVSSGPFLEKFKVSDYETHGAGF
SIRYEIFKRGPECSQNYTTPSGVIKSPGFPEKYPNSLE
CTYIVFAPKMSEIILEFESFDLEPDSNPPGGMFCRYDR
LEIWDGFPDVGPHIGRYCGQKTPGRIRSSSGILSMVFY
TDSIAIKEGFSANYSVLQSSVSEDFKCMEALGMESGEI
HSDQITASSQYSTNWSAERSRLNYPENGWTPGEDSY
REWIQVDLGLLRFVTAAGTQGAISKETKKKYYVKTYKI
DVSSNGEDWITIKEGNKPVLFQGNTPDVAVAVFPK
PLITRFVRIKPATWETGISMRFVEYVGCKITDYPCSGML
GMVSLISDSQITSSNQGDRNWMPENIRLVTSRSGWA
LPPAPHSYINEWLQIDLGEEKIVRGIQGGKHRENKVF
MRKFKIGYSNNGSDWKMIMDDSKRKAASFEGNNNYD
TPELRTFPALSTRFIRIYPERATHGGLRLMELLGCEV
EAPTAGPTTPNGNLVDECDQDQANCHSGTGDDFQLT
GGTTVLATEKPTVIDSTIQSGIK**Host:** Human**Theoretical MW (kDa):** 70.97**Protocols:** See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols**Form:** Lyophilized**Preparation Method:** Mammalian cell (Expi293, high-
yield transient HEK293) expression system**Purity:** > 95% as determined by Tris-Bis PAGE; > 95%
as determined by HPLC**Endotoxin Level:** < 1 EU per 1 ug of protein
(determined by LAL method)**Activity:** The EC₅₀ was 0.57 ug/mL, measured by ELISA**Recommend Usage:** Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by
the end user.**Storage Buffer:** Lyophilized from sterile distilled Water
is > 100 ug/mL**Storage Instruction:** Store at 2°C to 8°C for 1 week.For long term storage, aliquot and store at -20°C to
-80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8829**Gene Symbol:** NRP1**Gene Alias:** BDCA4, CD304, DKFZp686A03134,
DKFZp781F1414, NP1, NRP, VEGF165R**Gene Summary:** NRP1 is a membrane-bound
coreceptor to a tyrosine kinase receptor for both
vascular endothelial growth factor (VEGF; MIM 192240)
and semaphorin (see SEMA3A; MIM 603961) family
members. NRP1 plays versatile roles in angiogenesis,
axon guidance, cell survival, migration, and
invasion.[supplied by OMIM]