



SZABO SCANDIC

Part of Europa Biosite

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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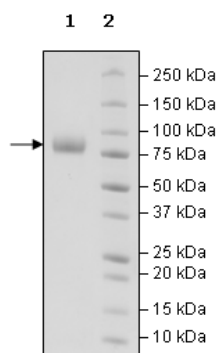
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

Description:	Recombinant human B7-H3, also known as Cluster of Differentiation 276 and CD276, transcript variant 1, encompassing amino acids 29-466. This construct contains a C-terminal Avi-tag™ followed by a His-tag (6xHis). The recombinant protein was affinity purified.
Background:	B7-H3 belongs to the B7 family, a group of structurally related cell surface protein ligands that bind to CD28 receptors on lymphocytes to regulate immune response. It is overexpressed in many cancers, acting as a negative regulator of T cell immune responses, thereby aiding in immune evasion. Its expression is associated with poor outcomes and survival times in patients. Through various studies, B7-H3 has been linked to other functions associated with tumor progression, such as angiogenesis, metastasis, and exosomal activity. B7-H3 can also be released in soluble form (sB7-H3) into the tumor microenvironment, where it has been implicated in increased migration and invasion of cancer cells. Due to its relative absence in normal tissues and its multifaceted effects on tumor cells, B7-H3 is an attractive target for immunotherapy treatments.
Species:	Human
Construct:	B7-H3 (Avi-His-29-466)
Concentration:	2.36 mg/ml
Expression System:	HEK293
Purity:	≥90%
Format:	Aqueous buffer solution.
Formulated In:	8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
MW:	50 kDa
Aggregation:	<10%
Genbank Accession:	NM_001024736
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Applications:	Useful for SDS-PAGE.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining



Gel Filtration Curve

