



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

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

Datasheet

HLA-E (Human) Recombinant Protein (P02)

Catalog Number: H00003133-P02

Regulation Status: For research use only (RUO)

Product Description: Human HLA-E full-length ORF (AAH02578.1, 1 a.a. - 358 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MVDGTLLELSEALALTQTWAGSHSLKYFHTSVSRPG
RGEPRFISVGYVDDTQFVRFDNDAASPRMVP RAPWM
EQEGSEYWDRETRSARDTAQIFRVNLR LTRGYYNQS
EAGSHTLQWMHGCELGPDRRFLRGYEQFAYDGKDYL
TLNEDLRSWTAVDTAAQISEQKSNDAEAEHQRAYLE
DTCVEWLHKYLEK GKETLLHLEPPKTHVTHHPISDHEA
TLRCWALGFYPAEITLWQQDGE GHTQDTELVETRPA
GDGTFQKWA AVVVPSGEEQRYTCHVQHEGLPEPVTL
RWKPASQPTIPVGIAGLVLLGSV VSGAVVA AVIWRKK
SSGGKGGSYSKAEWSDSAQGS ESHSL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 66.6

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3133

Gene Symbol: HLA-E

Gene Alias: DKFZp686P19218, EA1.2, EA2.1, HLA-6.2, MHC, QA1

Gene Summary: HLA-E belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. [provided by RefSeq]