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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

CD1B (Human) Recombinant Protein (P01)

R1

Catalog Number: H00000910-P01**Regulation Status:** For research use only (RUO)**Product Description:** Human CD1B full-length ORF (NP_001755.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.**Sequence:**

```
MLLLPFQLLAVLFPGGNSEHAFQGPTSFHVIQTSSFTN
STWAQTQGGWLDLQIHGWSDSGTAIFLKPWSKG
NFSDKEVAELEEIFRVYIFGFAREVQDFAGDFQMKYPF
EIQGIAGCELHSGGAIVSFLRGALGGLDFLSVKNASCV
PSPEGGSRAQKFCALIQYQGIMETVRILLYETCPRYLL
GVLNAGKADLQRQVKPEAWLSSGSPGPGRLQLVCH
VSGFYKPVVWVMWRGEQEQQGTQLGDILPNANWT
WYLRATLDVADGEAAGLSCRVKHSSLEGQDIIYWWRN
PTSIGSIVLAIIVPSLLLLLCLALWYMRRRSYQNIP
```

Host: Wheat Germ (in vitro)**Theoretical MW (kDa):** 63.3**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:** 910**Gene Symbol:** CD1B**Gene Alias:** CD1, CD1A, MGC125990, MGC125991,

Gene Summary: This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail, and requires vesicular acidification to bind lipid antigens. [provided by RefSeq]