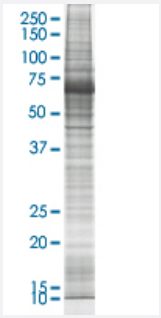
LILRA3 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

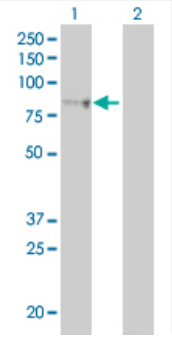
Catalog # L131T6 Size 100 ug

Applications



SDS-PAGE Gel

LILRA3 transfected lysate



Western Blot

Lane 1: LILRA3 transfected lysate (47 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-LILRA3 full length
Host	Human
Theoretical MW (kDa)	47
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0. 1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-LILRA3 antibody (H00011026-M01) by Western Blots. SDS-PAGE Gel LILRA3 transfected lysate Western Blot Lane 1: LILRA3 transfected lysate (47 KDa). Lane 2: Non-transfected lysate.
Recommend Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

  Protocol Download

Gene Info — LILRA3

Entrez GeneID	11026
GeneBank Accession#	BC028208
Protein Accession#	AAH28208
Gene Name	LILRA3
Gene Alias	CD85E, HM31, HM43, ILT6, LIR-4, LIR4, e3
Gene Description	leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3
Omim ID	604818
Gene Ontology	Hyperlink

Gene Summary	Leukocyte Ig-like receptors (LIRs) are a family of immunoreceptors expressed predominantly on monocytes and B cells and at lower levels on dendritic cells and natural killer (NK) cells. All LIRs in subfamily B have an inhibitory function (see, e.g., LILRB1, MIM 604811). LIRs in subfamily A, with short cytoplasmic domains lacking an immunoreceptor tyrosine-based inhibitory motif (ITIM) and with transmembrane regions containing a charged arginine residue, may initiate stimulatory cascades (see LILRA1, MIM 604810). One member of subfamily A (LILRA3) lacks a transmembrane region and is presumed to be a soluble receptor (Borges et al., 1997 [PubMed 9548455]).[supplied by OMIM
Other Designations	OTTHUMP00000067955|OTTHUMP00000067957|leucocyte immunoglobulin-like receptor|leukocyte immunoglobulin-like receptor 4|leukocyte immunoglobulin-like receptor A3

Disease

- Celiac Disease
- Genetic Predisposition to Disease
- Hepatitis C
- Multiple Sclerosis
- Psoriasis